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004220" 022400

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<212> DNA

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cagaagghaa gtgtttactg tatgtaatca cattgtttac aaacaatctc agcaagctgg	180
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 ctataaaatg ttaccgaaat gccctcaaat tagataaaga taacctgcaa attttgaggg 180
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<400> 24045

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 gtctgagaat aaaggaatca gaacaagatg cctgaagttc ctgccaaactc taaaatactc 240
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 tctatcttga tttctccagc tctgtccct cattcactca atttatcaac aagtcctatc 180
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 aaagtcagtc ttctgggaaa gtgtggaaaa tccaaattgg acagaactcm ttgamaaagg 240
 caagatttca gtcactggag ctgtat 266

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 <212> DNA
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<400> 24051
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 acc 183

<210> 24052
 <211> 67
 <212> DNA
 <213> Homo sapiens

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 gcctgttctc atctgtaccg c 141

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 aatgtgggta magaatttac cgctaacagr cgacctccag gttcgtctct ggacagcaag 180
 attgagagam aaaacttaac aaagcgctgt gcaaactgva atcccaggct tagctcgctt 240
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caga

304

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<211> 248

<212> DNA

<213> Homo sapiens

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<212> DNA

<213> Homo sapiens

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tccaccattt tcctatttct ctactcccc cgcg	154

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<211> 131

<212> DNA

<213> Homo sapiens

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<212> DNA

<213> Homo sapiens

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gcgcgtttct gtaaaagaca ggagctagat gttactagta gcttaaaaga gctgttgag	180
gagcctgrag gaagtgactc ataagggaga kaagcagtgg gggcagctgc aggaaccttc	240
aaaacaaaac ctgcagccct gtt	263

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<211> 206

<212> DNA

<213> Homo sapiens

<400> 24059

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<210> 24062
<211> 349
<212> DNA
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001220 6667560

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 actttvatat tatataatta tagtagtggc 150

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 <212> DNA
 <213> Homo sapiens

<400> 24065
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<210> 24066
 <211> 65
 <212> DNA
 <213> Homo sapiens

<400> 24066
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<210> 24067
 <211> 264
 <212> DNA
 <213> Homo sapiens

<400> 24067
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 akaaaggagc ctgtcacatt gacatttgga ggaaagagta ttccaggaag agggaatkag 180
 caaggtggct ggaatttcat gaatgaggag tgttagaaaa tragattgga atcagtcagg 240
 ggccagataa tatacgccat ggta 264

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 <212> DNA
 <213> Homo sapiens

<400> 24068
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 accatgtagc tgcttctagc caagttgaat tccagagtag ctacatacag ckgtgtggga 180
 ggccatgctc tgcaaattga tatagtttag tcaagaatt 219

<210> 24069
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 <212> DNA
 <213> Homo sapiens

<400> 24069

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aatctttatt	tggagggccc	taattcacta	acttctcatg	tttactctgc	gwtctttcag	180
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gcagggccta	taraatcaca	gaaatggggc	aaccaaccat	ggaggtatca	gtctagagag	300
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<212> DNA

<213> Homo sapiens

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catacagtgc	gtgtgtgtgt	gtgtgtgtca	ccagataagg	gtctgtgaaa	acagaagaag	180
aattacagaa	accagtgggt	gggcgatgac	actgttctag	acccaratgt	caacctgtgt	240
ggtttcttcc	caagagtgt	ctgcagtttc	aaggcaggtc	ctgcagagtt	gttggtgcag	300
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<210> 24071

<211> 263

<212> DNA

<213> Homo sapiens

<400> 24071

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agctgaggca	caaagrggtt	aagttacttg	cccaagggtta	caagactgg	aagtagcaga	180
gttaaaatgg	agarcaaggc	agtctaggtc	taggagtcca	tgctttkaac	tccttcatta	240
ccaaccaact	ctggaagtct	gta				263

<210> 24072

<211> 308

<212> DNA

<213> Homo sapiens

<400> 24072

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<210> 24073

<211> 359

<212> DNA

<213> Homo sapiens

<400> 24073

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gcgggtggat cacctgaggt caggagtttg agaccagcct ggccaacaca gtaaaacccc 180
 atctctactg aaaatacaga aattagccgg gcgtggtgct gggcacctgt aatctcagct 240
 actcgggagg ctgaagcagg agaaatgctg gaaccagga ggcggaggtg gcagtgaacc 300
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<210> 24074

<211> 207

<212> DNA

<213> Homo sapiens

<400> 24074

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 aactgcacaa cactcctgat attcaaattc actgtgaggg aggggacctc cataccctga 180
 tcatagcaga ggcctttgag gacaaca 207

<210> 24075

<211> 139

<212> DNA

<213> Homo sapiens

<400> 24075

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 gaggactagt gatcggctg 139

<210> 24076

<211> 346

<212> DNA

<213> Homo sapiens

<400> 24076

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 agtgtcatcc ctaagaattt ctacagcaa aggtccctt ggtggaggat ttagctcagg 180
 ggggttcagt ggtggctctt ttagccgtgg gagctctggt gggggctgct ttgggggctc 240
 atcaggtggc tatggaggat tasnaggttt tgggtggargt agctttcgtg gaamgctntr 300
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<210> 24077

<211> 226

<212> DNA

<213> Homo sapiens

<400> 24077

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 ataccacct aatagaatta ttctattgtt gtgtatgttc ttagaatctt tccattttca 180
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<210> 24078

<211> 229

<212> DNA

<213> Homo sapiens

SECRET

<213> Homo sapiens

<213> Homo sapiens

<213> Homo sapiens

<213> Homo sapiens

7512

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<212> DNA

<213> Homo sapiens

<400> 24083

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tgcttccacc tcccaaagtc ttgggattac aggcgtgagt caccgtgccc ggctgggaat	180
cctcttttta tcacagaagg c	201

<210> 24084

<211> 273

<212> DNA

<213> Homo sapiens

<400> 24084

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cattagctac taaggtacra agtaagacrm agkttataa ggaagacagg gcatctaccc	120
aagtcaacag ttcaktgaca tctgttattt gaaccacaca ccaatgcaac cgaagtagnn	180
tgctgaaagg gtgagaagaa ggaatagatt actatgcatt tttgmaggga tgaagaaggc	240
ttcttgagga aggtttctga aaagagatac gga	273

<210> 24085

<211> 166

<212> DNA

<213> Homo sapiens

<400> 24085

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tccagcgaac ccaacgacct ggctctgcaa gagaraaaca acctgaataa gccggttaatt	120
gtgaacaggc cgctcgctga gaccttaacg tcccctaagc cccac	166

<210> 24086

<211> 116

<212> DNA

<213> Homo sapiens

<400> 24086

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gtaagtgcct cactaacagc tcatggtgta aggtgaccat ctctggaac cccct	116

<210> 24087

<211> 243

<212> DNA

<213> Homo sapiens

<400> 24087

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gaaggctggc ctgtgggggt agataatgcc tctgttgact cttaggatga attagaggca	180
caagggtgag agcctggtgt gttcggcaaa caataatcag tgaggggttg acagcgaggg	240
aag	243

<210> 24088
<211> 366
<212> DNA
<213> Homo sapiens

<400> 24088
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rctgagatga cagatatccg ccatcacact ggctaatttt tgtattbyta gtavagatgg 180
ggtttcacca tcttgccag gctggttttg aactgttgac ctcacgggtga tctgcctgcc 240
tcagtctccc atagtactgg gattacaggt gtgagccact gcacccagcc tgagtcccct 300
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tggttc 366

<210> 24089
<211> 269
<212> DNA
<213> Homo sapiens

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aggctgaggg aggagaatgg catgaacccg ggaggcggas ttgcggtgag tcgagatcgt 120
gccactgcgc tccagcctgg gcgacggagc tagactctgt ctcaaaaacr aacaaaattt 180
catagtttga tcccatggga aatctgamaa aatgggaggc tgctcagaag ctcgtcataa 240
caatatcccc tcttatatag atagcctcc 269

<210> 24090
<211> 276
<212> DNA
<213> Homo sapiens

<400> 24090
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tagaaataaa aagatcttca gccaggcctt tctgaaggag ttattctgct aaaaatggtc 120
ttagttgtct gaaaagccag ctcttgaacc tcttcacaac agtatcaaca ctggcttctc 180
ccggttcatt ttatgcgtgc gagaagtcag tgtaactgc tgcagggctt aatacattag 240
tggttaactgg tttaaaaaac aaagactgta agccca 276

<210> 24091
<211> 373
<212> DNA
<213> Homo sapiens

<400> 24091
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tacttgaagt ggacccakga gtggtaggtc kcatrattar arasattcag acaatcacta 120
tctwtgktt tccctctagt ggtgcctgtg gagaggtaaa gctggctttc gagaggwdwa 180
catgtaagar agtagccata aagatcatca gcaaaaggaa gtttgctatt ggttcagcaa 240
gagaggcaga cccagctctc aatgttgaaa cagmataga aattttgaaa acctaaatca 300
tccttgcatc atcaagatta rrmrcttttt tgaagcagar gattatkata ttgttttgga 360
attgatggwa ggg 373

<210> 24092
<211> 121

004220" 65627560

<212> DNA
<213> Homo sapiens

<400> 24092
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c 121

<210> 24093
<211> 144
<212> DNA
<213> Homo sapiens

<400> 24093
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ctatgaaaaa tttacagcta acatcatact taaagggtgca agactgaatg ctttctcctt 120
aagatgagga acaagaccaa gact 144

<210> 24094
<211> 58
<212> DNA
<213> Homo sapiens

<400> 24094
gaagacagac tcaatacatg gggtgtattc aatgaaaaaa ataaagagtt gtgtgcct 58

<210> 24095
<211> 73
<212> DNA
<213> Homo sapiens

<400> 24095
caaatccctt ataahamgtt acatagtata acctatggas kcatatcctc ccgtatactt 60
taaatacagct tta 73

<210> 24096
<211> 238
<212> DNA
<213> Homo sapiens

<400> 24096
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tcattctttt tgctgtgttt aggacatttg atttgcattrm tccaataatc tcctcgaaac 120
cttmagmaaa tggttttatc gtgactgtga ttcacacttt ctagaacact ttaccagcac 180
ccagggacat ggacttgggt gttcttattt atgggtgtgta tgtaaagaga tagggggc 238

<210> 24097
<211> 358
<212> DNA
<213> Homo sapiens

<400> 24097
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catagaagga caaccaact ggttctgarg taagtgaatk garacaasat kggracttcc 120

ctgcaaacca	gggaatgtgg	gagtgatcat	ctgattggcc	tagcttgggt	taggtgtctt	180
cacatggccc	aatcagctac	agtcgtacar	rccatattag	gcaaattaaa	acagcggctg	240
aaagccatcc	ctggctgggt	ggttgaggag	atggmagcca	tcagggtgaag	gggtgatagg	300
ctgtataacc	accctgacaa	tamcaaatat	gccccatcct	tccttgaaac	ctttcagt	358

<210> 24098

<211> 123

<212> DNA

<213> Homo sapiens

<400> 24098

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cccagtctct	ctccaggaca	taaaactgma	atcagatatg	ttccttttta	agcccaaacc	120
ctc						123

<210> 24099

<211> 163

<212> DNA

<213> Homo sapiens

<400> 24099

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tttgagcaat	acctaacatt	gaaattgact	tgtcagaggg	taggtgtttg	tttaattctg	120
taagaaactg	ccaagttttt	tccttttttt	tttttttttt	ttt		163

<210> 24100

<211> 348

<212> DNA

<213> Homo sapiens

<400> 24100

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agaccatcgc	cttccagggg	agctccctcc	ctcaaaggga	aggaaactga	tgtccagaaa	120
agttatgact	cgccccaagg	ggattgcctg	gcaggacgtg	aaggggaaga	ggccccacct	180
ggagtaaccc	tactgggaga	atccagaggt	gagatgagcc	ttgtacctat	ctcagcagag	240
ggagtaggat	aatattttaa	tattaagggt	ggggamaagg	aatgaaggca	agaaataaaa	300
tgccaraat	gccccaaacg	ccatccggrc	cataaaagtg	acggctga		348

<210> 24101

<211> 165

<212> DNA

<213> Homo sapiens

<400> 24101

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ttttgtgcat	tttgatgtta	acagtccttt	atcagatgtg	tcttttgcaa	ctattttcca	120
tcagtcaatg	gcttctcatc	ctgttgacgt	tgcctttcac	gaagc		165

<210> 24102

<211> 298

<212> DNA

<213> Homo sapiens

<400> 24102

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catctatatc	aaatgtttta	tttgggattt	kaaatctggr	atcttatgta	ttataaatgt	120
tattctataa	tataaagtaa	ggtattaaaa	taataaatca	taattggacc	ctatcgtgct	180
aaaatgacat	aattttctta	atttacagca	gtkactcact	ggactttgat	gttgaatrra	240
tccctttktw	gwtgtttgtt	tcaaaaagct	acagattata	aactagaatt	aaggcccc	298

<210> 24103
 <211> 111
 <212> DNA
 <213> Homo sapiens

<400> 24103						
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aaaggtaccc	caatatctta	ctckgcttgc	ttctkgaat	cagcmaccat	c	111

<210> 24104
 <211> 229
 <212> DNA
 <213> Homo sapiens

<400> 24104						
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gagaacttag	gcacctggcc	tctagcaagt	gcctagttag	cattagckgc	taagatgatg	120
gtgattctag	caggctgata	agatgagaca	gcactcagta	acttcgaacc	aaagcagacc	180
ccaccttttt	ttcccctctg	crttaagtcc	tcacctaatg	tcattccaaa		229

<210> 24105
 <211> 314
 <212> DNA
 <213> Homo sapiens

<400> 24105						
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aatcatgtca	ctgaggcgga	aggattacat	gagcccagga	gttcaagacc	agcctggcca	120
acatgacaag	accttggctc	aacaaaaaga	ttcaaaaatt	agctggcatg	gtggcacact	180
ccgtagtcc	cagccacttg	ggaggctgag	gcaagaggat	tgcttgagcc	caggaggtca	240
aggttgcagt	gagctgtgat	cctaccatgc	acttcagcct	gggcaagaga	gcaagactct	300
actgcacaca	caca					314

<210> 24106
 <211> 77
 <212> DNA
 <213> Homo sapiens

<400> 24106						
acagaagaat	agagaggctg	ttgcagcccc	gtgctttctc	ctgctgctgg	ccgattgctt	60
gctctgaact	aaccctc					77

<210> 24107
 <211> 205
 <212> DNA
 <213> Homo sapiens

<400> 24107

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aggctgatct	ttgttttgtg	cactgtggcc	ctgccaggca	tatagtgaag	gtgaatgtct	120
tctccctcag	aaaaaaattg	gttccttgct	gtcccagtaa	ggcatagctt	ttccagccct	180
aactttaaaa	ctcagtgagg	accat				205

<210> 24108

<211> 183

<212> DNA

<213> Homo sapiens

<400> 24108

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acggcaagac	tgacttcagt	kcctgctgga	ctcattactt	cttttttaggg	ggraatgttt	120
gtdtctcagg	ctgtgactgt	caatgacgtc	cactggcccc	tgtggggccat	tgccaccctc	180
aga						183

<210> 24109

<211> 294

<212> DNA

<213> Homo sapiens

<400> 24109

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tttcaggatt	tttattaggw	wcttttagcc	tagtcattwt	ttacaaatgt	gatttataat	120
acgttttwtc	amratatgtt	ggaataaaa	tcagacatta	catgttaata	tttattaagt	180
tgtgtatcat	tgwtattcat	ttcatatctc	attttaaaww	ttggtttttag	actgaaaata	240
ttcctgtggt	tagaaygacc	tgrtcgaaaa	gatctacttg	gatatctcaa	tggt	294

<210> 24110

<211> 258

<212> DNA

<213> Homo sapiens

<400> 24110

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taacagccag	tctacctgaa	gcagaggagc	tgatcgcgcc	tggaacggcc	gattcaattc	120
gatattgtgc	ttcctgctac	agaattcctt	gatcagaaca	gaggagcag	gcgtaccaac	180
ccttttggtg	aaactgagga	tgaatcattt	ccagaagcag	aagattctct	tttgcagcag	240
atgtttatag	ttcggtgc					258

<210> 24111

<211> 275

<212> DNA

<213> Homo sapiens

<400> 24111

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tcctggactc	agatgatcct	ccctcttctg	cctcccaaag	tgagatatca	cagttatagt	120
tttaggtact	agcaaatcaa	tgcaaaaacta	ttaaaaatat	tgatccaagc	tgggcacagt	180
ggctcacacc	tgtaatccca	ggctcttttg	gaggctgagg	cagggtgatca	cttggagcct	240
aggagttcga	gaccagccag	ggcaatatag	cggga			275

<210> 24112

<211> 325

<212> DNA
<213> Homo sapiens

<400> 24112
caatcacaat gagaaattac cggccaggcg tgggtgactca cgtctgtaat cccagcactt 60
tgggagggca aggcaagagc ttgagcttga gcctagacgt tamagaccag cctgggcaac 120
acagcaagac ccatctctac aagaaattta aaaactagcc aggcgtgggtg gtgcgcgcct 180
gtagtcccag ctacttggga ggctgagccc tggaggtcga ggctacagtg agctatgatc 240
acaccattgc acttcagcct gggcgacaca gcgagaccct gtctcaagac aghaaagaav 300
magagacaaa ttaccagac cccat 325

<210> 24113
<211> 215
<212> DNA
<213> Homo sapiens

<400> 24113
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atgtgtcttt tttaggaata taaatactgt taagaacaaa agtaaattga caccttatct 120
gtaaaagtag actcttaaat ttaaaaatgr agacctaaaca taggtgtttt tgtttttaat 180
ataggctgaa tgtagtaaca ttagtagatg gcctg 215

<210> 24114
<211> 302
<212> DNA
<213> Homo sapiens

<400> 24114
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attcgacaca agcaggaact tgatttttta agaaaaaata ttacattttg aggacatttt 120
gacaagtagg ggaagagagg gcttctgttg ttttgttttg ttttgttaac taaacctgaa 180
gtattaattc cacaagaca ctgtccctca ggaccactca ggtacagctc tgccagggac 240
agagtcctgc tagtgggagg tctcaggtg ggcggtgtgt tctgtgccat gaggcagcgc 300
ct 302

<210> 24115
<211> 162
<212> DNA
<213> Homo sapiens

<400> 24115
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tgccaccatg cccggctaatt ctttgcaact ttagtaggga cagggtttca ccatgttggg 120
caggctgggc tcaaaactccc gaccttgtga tccgcccgcgc tc 162

<210> 24116
<211> 169
<212> DNA
<213> Homo sapiens

<400> 24116
catctacttg ggaggctgag gcggagggat cgcttgagcc tgggaggtca aggctgcagt 60
gagctatgat cctataagt cactgcagcc tgggtgacag tgcaaaccct gccccgcctt 120
tcccctccaa aaaaaaaacc ccaaaaaaac ccccrcaaaa aaccaamaa 169

<210> 24117
 <211> 207
 <212> DNA
 <213> Homo sapiens

<400> 24117
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 atagattcaa ttcaatgtca attaaaatcc cagcaggctt tttaaaaata gagattgata 180
 agatgattct gaaatttatg tggggag 207

<210> 24118
 <211> 139
 <212> DNA
 <213> Homo sapiens

<400> 24118
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 tggaaaaaca tttctcttta gtttcaaaaa ccatatataa ttaaatttgt aaggatatat 120
 tgagtaccct agccaaca 139

<210> 24119
 <211> 135
 <212> DNA
 <213> Homo sapiens

<400> 24119
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 cagccagttt atgtctttta tgtggaatgt ttaatcaatt tacattcaac attattactr 120
 atatgtgagg ggcaa 135

<210> 24120
 <211> 153
 <212> DNA
 <213> Homo sapiens

<400> 24120
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 taattatctg ctaccacttg catgatgaag tgttctagcc tgattaaaag ctgratangg 120
 ackasaggag ggctgtaaca atgggaggga gac 153

<210> 24121
 <211> 188
 <212> DNA
 <213> Homo sapiens

<400> 24121
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 ttatctggaa tatataatgt tctctcaaaa gtcaataata caaaacaact cagdnatata 120
 ggcaaaacac atgaacagac acttcaccac agacaatgta cacatatagg caaaacacat 180
 gaacaagg 188

<210> 24122

<211> 247

<212> DNA

<213> Homo sapiens

<400> 24122

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acatgtcttg gatttagttt gtattcatag attttgtaa ggatcaggcc tgtgaacatg	180
ggcacagtga ggtaaataa ttcacgtggc cacaacctgg ctttgagggt ctgcttttgg	240
cggccaa	247

<210> 24123

<211> 98

<212> DNA

<213> Homo sapiens

<400> 24123

aacacggtga tcttctaagc agttaartga ctgactgttc tggcaacaac gacttctccg	60
tgactgaagg gccctgttca tttcctgac ctgaaggc	98

<210> 24124

<211> 151

<212> DNA

<213> Homo sapiens

<400> 24124

agagcgcaact tccgctgccc tttctttcgc cagccttacg ggcccgaacc ctgctgtgaa	60
gggtgcagta cctaagccgg agcggggtag aggcgggccc gcaccccctt ctgacctcca	120
gtgccgccgg cctcaagatc agacgtggcc c	151

<210> 24125

<211> 120

<212> DNA

<213> Homo sapiens

<400> 24125

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agcatataaa aaaatgctca atatcattaa tcattagaga agtaaaaatc gaaaccacat	120

<210> 24126

<211> 178

<212> DNA

<213> Homo sapiens

<400> 24126

aatgtammat gaatgcagga aatatatcac cactaggcag atattacatt aaacagtaat	60
cattgtaggc aagatccact gacagatgtt aaaatcagt gactaaagtt taataggarr	120
caggatactt gtaagcttca aagtattgtc cccaaactat tggtttatta ggtaaaaa	178

<210> 24127

<211> 151

<212> DNA

<213> Homo sapiens

<400> 24127
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 attttatttg aaacagagtc ttgctctgtt gcccaggctg gactacggag acataatctc 120
 ggctcactgc aacctmtgcc tcccgggttc t 151

<210> 24128
 <211> 122
 <212> DNA
 <213> Homo sapiens

<400> 24128
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 cwgcmaagta ttgagctgac acaggaagaa ccgtacagtg acatcatcgc aacacctggg 120
 cc 122

<210> 24129
 <211> 124
 <212> DNA
 <213> Homo sapiens

<400> 24129
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 cacctctgac ccagctccat gccagagcag gagccccggt caattttgga ctctgcactc 120
 caca 124

<210> 24130
 <211> 235
 <212> DNA
 <213> Homo sapiens

<400> 24130
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 aattttaaca gctttattaa aatataattc atttctccaa aaagaaacca tgtattcatt 120
 agcatttact ttcccawttc trsccaatct tctttccac cttggtctag gtggtagcta 180
 acctactttc ttctatttct gggcacttca tataaatgga atcagccggg cccgg 235

<210> 24131
 <211> 133
 <212> DNA
 <213> Homo sapiens

<400> 24131
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 aagaaatgcc tgaggccagg cacggtggct catgtctgta atcctagcac tttgagagac 120
 tgaagtaggc agc 133

<210> 24132
 <211> 139
 <212> DNA
 <213> Homo sapiens

<400> 24132
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 ggggagagag ttgggcgagg gagagccccc ggccggctgc cagaagatcc cggcgggagg 120

aagcccaagt gtcacttga 139

<210> 24133

<211> 129

<212> DNA

<213> Homo sapiens

<400> 24133

tacatgtnya caatgtgcag gttagttaca tatgtatcca tgarccatgt tgggtgtgctg 60
caccattaa ctcatcattt agcattaggt atatctccta atgctgtccc tccmccccts 120
mccccacct 129

<210> 24134

<211> 235

<212> DNA

<213> Homo sapiens

<400> 24134

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tctgcacaag ggtaactgac cattgtgaac aaggaggccc agaagggtggg attcttcatg 180
atctcttcct attcattcac aattatata ataggttatt artacaccag tgaaa 235

<210> 24135

<211> 206

<212> DNA

<213> Homo sapiens

<400> 24135

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aaattaactg ccacaaagtt gtaagggata ttctattaga gcagtcacta cagagccaca 180
agaaactcaa actaactara atgwgg 206

<210> 24136

<211> 310

<212> DNA

<213> Homo sapiens

<400> 24136

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agcatgtctt attttatgta attttaagaa atactctatt taacttgtga aatataccta 180
aaagcatact agttagctct tagactctca cttagggagg gtaaagaaac atcactgatg 240
tcaatatgaa gatctataaa caaatccttt gtttagaact tttttctctt cgtgcacctc 300
acaacacaat 310

<210> 24137

<211> 183

<212> DNA

<213> Homo sapiens

<400> 24137

ataagtanny agataaactt catcaccaga atgtagttgt ttcatgtctt gctacattaa 60

aggtaggcag agtttgaggt ttgttttttc taatgataaa tcaatacaaa atatttttaa 120
 aatttttttt cattccataa cgaggatcta agtaaggatt ttcagtggca aatgagggag 180
 aga 183

<210> 24138
 <211> 207
 <212> DNA
 <213> Homo sapiens

<400> 24138
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 tttatatgaa gaaacagaaa aattagagca actcctacct aaaaagtta tagtattgta 120
 aaagaagaat gattcggaat cattcccaaa tatttttaag gcctaacaat ctgcattcac 180
 ccttctcagc cttagtccca tccccag 207

<210> 24139
 <211> 148
 <212> DNA
 <213> Homo sapiens

<400> 24139
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 caagcgattc ttgtgcctca ggccccgg 148

<210> 24140
 <211> 195
 <212> DNA
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<400> 24140
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 cttaatcatt tgcattttgg agaaaatttt ttctgcttta aaagtctgta atttcagttt 120
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 cccactgggc caaga 195

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 <211> 151
 <212> DNA
 <213> Homo sapiens

<400> 24141
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 attgactcaa aggtattaga acagaccgcc a 151

<210> 24142
 <211> 168
 <212> DNA
 <213> Homo sapiens

<400> 24142
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 ataaaacatt tgttgaaatc taactgcac cccaggcta ctgctttatc aaaactatgt 120

gcagaatcta aagaaatttc aaatgtgtca tcttttcagc aagcctaa 168

<210> 24143
<211> 127
<212> DNA
<213> Homo sapiens

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gtggttgagg aaaaattgca gaaactgcag gaactagaga atagactcag tttacaagat 120
ggccaaw 127

<210> 24144
<211> 91
<212> DNA
<213> Homo sapiens

<400> 24144
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tgtaaccatg ctgtatatgc taccacactg c 91

<210> 24145
<211> 178
<212> DNA
<213> Homo sapiens

<400> 24145
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ttagctccaa aatttgctca attctttktv atkatttcaa tctctttgtk aaatttacct 120
gacagavtta tgrattcctt ctctatgtta tcttgaattt ctttgagttt ccccata 178

<210> 24146
<211> 123
<212> DNA
<213> Homo sapiens

<400> 24146
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actatarata acaataacat attttcaa atgctggaara gaagatattg aacacccca 120
gag 123

<210> 24147
<211> 247
<212> DNA
<213> Homo sapiens

<400> 24147
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agaaaggatg ctattcttga atgtggagtt ggtagtagt gctgccact ctagattatc 180
tcttctcttt taatttttga aattacttcc ttaatttggg tgggcaggaa ttaaaatata 240
gagaaca 247

<210> 24148

<211> 158

<212> DNA

<213> Homo sapiens

<400> 24148

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atggaatatt	gtagctctt	tggtatatgt	tgatcatttt	tttctctcag	kaaaccttcc	120
ctgttaaagt	tttatttagt	tttttaaaaa	tggtccgcc			158

<210> 24149

<211> 199

<212> DNA

<213> Homo sapiens

<400> 24149

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ttggccacaa	agmttcagag	ttaggagcta	tacaaagatc	tcctaggcaa	ggggcagtaa	180
tatgagctca	ggtggcgak					199

<210> 24150

<211> 178

<212> DNA

<213> Homo sapiens

<400> 24150

ttgggtcvtgt	ctgagcacac	agcctggaga	cacagactcg	gagagcaggt	acccagccct	60
gaggaaggca	gctgttacct	aagccctgca	cctccatctt	cccagagtct	cgtgggaaac	120
agatttcaaa	cgacaacaga	cagcaagact	gagaaactac	gaaagatcag	cctgggta	178

<210> 24151

<211> 150

<212> DNA

<213> Homo sapiens

<400> 24151

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catgttattt	ctttgttatc	ttaaaatagc	aacaaattct	atatacgtag	aaagacctat	120
gtagaaaaaa	aatgaacatt	ctagcctcta				150

<210> 24152

<211> 95

<212> DNA

<213> Homo sapiens

<400> 24152

gagtgtinsag	ccgagtcact	actgcctgcc	tgctgcctg	ctacggctca	gcagcaggta	60
cgtaccaaac	catgggctcg	caggccctgc	ccccg			95

<210> 24153

<211> 211

<212> DNA

<213> Homo sapiens

<400> 24153

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gtccacctcc	agcaaaaggc	tagcaggggt	ggtggggaca	ctgaggctgg	cttgatttcc	180
catcctgccc	cccatggtg	gtcgtgggaa	g			211

<210> 24154

<211> 158

<212> DNA

<213> Homo sapiens

<400> 24154

caaaagvmac	catgcaaagc	aacgactact	ttgctacgaa	gaaagattcc	tttctgcat	60
ctttcatagt	tctgttaaat	atTTTTgtac	atcgcttctt	tttcaaaact	agttcttagg	120
aacagactcg	atgcaagtgt	ttctgttctg	ggaggtag			158

<210> 24155

<211> 114

<212> DNA

<213> Homo sapiens

<400> 24155

atagganvac	ttttaccatg	ttggtgggac	tgtaaactag	ttcaaccatt	gtaagtcagt	60
gtggcgattc	ctcagggatc	tagaactaga	aataccattt	gaccagcca	tccc	114

<210> 24156

<211> 186

<212> DNA

<213> Homo sapiens

<400> 24156

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atcttttgaa	tatcgtaggg	acataagtat	atacatgtta	tccaatcaag	atggctagaa	120
tggtgccttt	ctgagtgtct	aaaacttgac	acccttggtg	aatctttcaa	cacacttcca	180
ctaccg						186

<210> 24157

<211> 210

<212> DNA

<213> Homo sapiens

<400> 24157

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ataggtttagc	ctattttact	tacctttaaa	atacttggtta	caatttttat	tctcaatgag	180
agagtttttc	atTTTcaatc	agagggtac				210

<210> 24158

<211> 230

<212> DNA

<213> Homo sapiens

<400> 24158

ctttgtvstg	ctcctgcaaa	tggtggaaat	gtctccaggc	ctccagtgac	cctgcgcctt	60
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gtcatccctg ccagtcagtg tggctcactg attgggaagg ctggcaccaa gatcaaggrg 120
 atccgagaga ctacgggtgc ccagggtacag gtggcagggg acctgctccc caactccaca 180
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<210> 24159
 <211> 145
 <212> DNA
 <213> Homo sapiens

<400> 24159
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 ctaacatggg accatgccat ccttctagca taatggagaa gtctgaactg aggagtatct 120
 ttgatgaaag acatttagga ccctc 145

<210> 24160
 <211> 133
 <212> DNA
 <213> Homo sapiens

<400> 24160
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 cacctcttct ccttcctaga caaggacagc aggaagagcc ttgccaggac ctgctcccag 120
 ctccacgacg aga 133

<210> 24161
 <211> 203
 <212> DNA
 <213> Homo sapiens

<400> 24161
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 agcggcactg tccctgctcg gttgcaggca gtgahcctst cccacacccc gamtcagtgc 120
 cagctgtgtc ctgagtccaa ggtggtacat taggtgctta atgtttatcc cttacaaga 180
 caaacattaa cagggtggtc gcc 203

<210> 24162
 <211> 216
 <212> DNA
 <213> Homo sapiens

<400> 24162
 agggtttgac tgtgatatat cttggtgtgg atttctttgg gcttatccta ttttggttc 60
 actgagcttc ttgaatctgt aggtttatgt cttttgctaa graaattttc agccrktatt 120
 tctttgagta ctttttcagc cccatcctcc tctttctctc cttctggaac tctgatgaca 180
 tggatgttag agcatttgtt ataatcccac aggcgc 216

<210> 24163
 <211> 396
 <212> DNA
 <213> Homo sapiens

<400> 24163
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 aaatttaaca gaaatctggt ctccaaaacc ttacagcata ataagaaagt cagatatgtg 120

aataagagtg aactttgcaa ccacacgagg cacaactgag tgttacagca aaagtcaaaa	180
caagcaaagg acaaagaggg tgactagggg caataataat tgtacattga aaaaataact	240
aaaagagtat aactggattc tttgtaacag aaaggatgaa tgggtgaagg tatggatacc	300
ccattttcca tgatgtcata ttacacattg catgcccgtt atcaaaacac ctcatgtacc	360
ccataaatat gtatatacct actatgtavm ntacct	396

<210> 24164
 <211> 144
 <212> DNA
 <213> Homo sapiens

<400> 24164	
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cacctcattt tccatcactt gccatcaagt ctccacagtg aggggtggctt tctgcctgac	120
cctgtggatg ccctgcccatt tttt	144

<210> 24165
 <211> 169
 <212> DNA
 <213> Homo sapiens

<400> 24165	
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ctcatcaatt ttacaggtct caagaaagca ccaacctgtg agccaaagga gccatcttaa	120
tgkcttttagg tcattaattt takacatagc atgktcttta ctacaaggc	169

<210> 24166
 <211> 210
 <212> DNA
 <213> Homo sapiens

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tgtagttata tgtcttttct tttatttttg agacaaggtc ttgctctgtc gcccaggctg	180
gagtgcattg tgtgatctcg gctcactgca	210

<210> 24167
 <211> 201
 <212> DNA
 <213> Homo sapiens

<400> 24167	
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kcacagcggt caaagattta ggggggaaaa actactacat tcaaaggga caagatttca	120
tgagtttgtc ctagagtcca gcagtaaaat aggccctagt ttcagtgcc ttctgaaag	180
tactttcaaa ggaggcctcc g	201

<210> 24168
 <211> 297
 <212> DNA
 <213> Homo sapiens

<400> 24168

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aaccatgtta	tggatgggtg	ctgggttcac	aggttttctt	aaactagaat	cacaattgtg	180
taaaatattc	tgctagaaac	aaacccttct	tgagatgaca	ctgaaattct	gtctggcttc	240
ataacagtca	tcagcattca	acatagctta	gtgcagtctc	tctcttgtcc	ccaccga	297

<210> 24169

<211> 192

<212> DNA

<213> Homo sapiens

<400> 24169

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ggagaacgaa	aggaccaact	gccatgaagg	gacagtgacc	ataagcttga	tggaatgacc	120
ttccgkaaga	taaacatggg	aagcacaagt	gagaacacct	ggaaatgtta	cacgttctag	180
tcaaagaccc	ga					192

<210> 24170

<211> 285

<212> DNA

<213> Homo sapiens

<400> 24170

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cagagattcc	ccttcttctt	cgttttagtct	tgggaggggtg	tatgtgtcca	ggaatttacc	120
catttcttct	tgagtttcta	gtttatttgc	atagagggtt	atagtattct	ctgatggtag	180
tttgtatttc	tgtgggatcg	gtggtgatat	cccctttatc	atTTTTtatt	gtgtctattt	240
gatttttctg	tcttttcttc	tttattagtc	ttgctagagg	cctcg		285

<210> 24171

<211> 172

<212> DNA

<213> Homo sapiens

<400> 24171

agaccatcct	gaccaacatg	gtgaaacccc	gtctctacta	aaaataaaaa	aattgccagg	60
cgcggtggct	cacccctgta	ctcccagcac	tttggaagc	cacggcggga	ggatcaccta	120
aggtcggaag	ttctagacca	gcctggccaa	catggtgaaa	ttctgccggt	ag	172

<210> 24172

<211> 324

<212> DNA

<213> Homo sapiens

<400> 24172

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gaggcacaca	gggcttctcc	tcaaatgcag	agcagctgag	gaagcagggg	gcagtgtcaa	120
tcgaagagca	atgacatttt	tcagtgatcc	ctgacctgta	atggactcag	tgacatttcc	180
tgctaatacca	tgggtttcta	tgctctgagg	tttcatctgt	ggggaacagt	attgacttac	240
ttacaaagag	ataatgatca	taccctatgg	tcactcacca	tagtctggcg	gtacatggac	300
ttctcagccc	cacccaacc	aaag				324

<210> 24173

<211> 252

<212> DNA

<213> Homo sapiens

<400> 24173

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ctgtccattc	taggcgaggc	cagggcaggc	gacaaggaag	caaaagctgc	cgctacgcta	120
ttcaaggccc	ctggtgggca	gctgatctca	aagatcttta	ttggctgtgc	ctctacttct	180
cctgaaaccc	tacacctccc	tagggaaggc	ctgacctctc	aggggcttcc	atggctggtc	240
cccaccccca	cc					252

<210> 24174

<211> 407

<212> DNA

<213> Homo sapiens

<400> 24174

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aagaaatara	tatctttaat	gawmgasaaa	attcttcaaa	agaaagagaa	gctttccctt	180
catattctta	agaacaggta	actaagatcc	aattatttaac	gtgctttgaa	aattcacgca	240
ttttttaaaa	ttagaaactc	accttggttt	ttctacccat	gtagttttct	gcaaaccaat	300
cagaatccat	ggcttttaaaa	tttgccaaaa	tctgaccctg	gaagagarna	taatcgatna	360
gaacctcgtt	attcatgttc	ctctacgctt	tcttatagga	atggttt		407

<210> 24175

<211> 333

<212> DNA

<213> Homo sapiens

<400> 24175

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gacttgctag	aaaccaactc	tgatggcacc	ttgattatag	acgtctagct	tctagaactg	180
tgagaaaatt	aattttctgtt	gtttcagcta	cccagctctgt	ggtatttttt	gttatggcag	240
cccaaaagcag	actaatatcat	tcacgcatga	caggtctgat	gatatcccc	cacaagattg	300
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<210> 24176

<211> 106

<212> DNA

<213> Homo sapiens

<400> 24176

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<210> 24177

<211> 385

<212> DNA

<213> Homo sapiens

<400> 24177

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tgatatagaa	gawaganaat	caagtccaaa	gcaatttcat	gagaacagca	tcactgcagg	120

gtagacaga	gctcctaaag	gaatctcata	cggccaaaga	atcccagggga	gtaaggctct	180
aatgacaaac	catacgccg	taacaatttt	accaaagaat	agcccaccct	cttgcttccc	240
atagcatttc	tcagcaaadc	taacttttgc	tagaacttgc	taccaaactct	aggaaacttt	300
cctatttgat	tattcagtg	gtctctccat	cacaattata	tcatacagta	ataattctga	360
nnnnnnnnnn	ctaaaagaca	gccac				385

<210> 24178

<211> 269

<212> DNA

<213> Homo sapiens

<400> 24178

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ctcggggcaa	ggctcccggt	gtccaacgga	gaggcccatc	gtatccagg	gcaatctgcc	120
agaacagcag	gggcaggatc	atgaacatac	acgtactcct	taacgattcg	agattgagtc	180
gagcacccca	ggagggatag	gctggctagc	ccaatcagca	ttaagccttg	agagcatctt	240
csagttcctt	tcgttctttc	ttagcctta				269

<210> 24179

<211> 337

<212> DNA

<213> Homo sapiens

<400> 24179

ctcactgaat	aatgtttact	gtacagtctt	cccaagggtga	ttcctgcgac	tgcaggcact	60
ggtcattttc	tcattgtagct	gtcttttcag	ttatggtaaa	ctcttaaagt	tcagaacact	120
caacagattc	cttcagtgat	atacttggtc	gttcatttct	aaaatgtgaa	gctttaggac	180
caaattgtta	gaaagcatca	ggatgaccag	ttatctcgag	tagattttct	tggatttcag	240
aacatctagc	atgactctga	aggataccac	atgttttata	tataaataat	tactgtttat	300
gatatagaca	ttgatattga	ctatttagag	aaccgaa			337

<210> 24180

<211> 60

<212> DNA

<213> Homo sapiens

<400> 24180

artcggctcg	gaattggact	tgggaggcgc	ggtgaggagt	caggcttaaa	acttggttga	60
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<210> 24181

<211> 88

<212> DNA

<213> Homo sapiens

<400> 24181

atgactggaa	gataggcatt	catgctatag	gtcccatctg	ccagaaatgt	tagtttccaa	60
tatcctagtt	acctgtctct	tgataact				88

<210> 24182

<211> 394

<212> DNA

<213> Homo sapiens

<400> 24182

004220"666T560

catattttaa	gaaatatagt	tccattat	tcaggta	actaccag	ggtaagg	60
ggaagtata	tttagacag	ttctcaagg	aattgcct	aagaaatt	gagtcact	120
taattaaca	atcaatttg	ggataaat	gcatttct	agtgcctg	ggtatttaa	180
agattttgt	ctcctctga	tatvagca	tgccataa	ttggttta	gcatggct	240
ctttatcgc	ttccagcaa	ggcttcaa	tgacctaa	accacagc	gacgcta	300
atgagcttc	tttcagcca	aaattg	gcctcaag	cactttct	cagagttc	360
ttaaaac	gaggtctac	ttttcct	g			394

<210> 24183

<211> 239

<212> DNA

<213> Homo sapiens

<400> 24183

atTTTTgtat	ttttagtaga	gacggggt	cgccgtgt	gccaggct	tctcgaatt	60
ctggcctcaa	gtcatctgc	cacttcgg	tcccaaagt	ctgggatgg	aggcgtgc	120
atcacaagg	caagagatc	agaccatc	ggccaacat	gtggaatcc	gtctctact	180
aaaatataa	aattagctg	gcgtagtgg	gcgtgcctg	agtcccagt	actcggacc	239

<210> 24184

<211> 220

<212> DNA

<213> Homo sapiens

<400> 24184

acttttgggt	ttaagtaat	ctcccgct	ggcctccca	agtgcctgg	ttacaggct	60
gagccactgt	accagctgg	aatctcat	ttaatatt	agacctgt	caaactaa	120
gaggtgtag	ctcttagac	gtacaagg	aacggcag	agagagct	cactggaag	180
gaattaatct	ctaggatgg	ctagaggga	gaggaaccc			220

<210> 24185

<211> 113

<212> DNA

<213> Homo sapiens

<400> 24185

tgatcacacc	ccaatttct	ccaccact	cagcatcc	ctgggatag	tcactctga	60
atacacaca	acacaaac	acaaacac	acacacac	acacacac	caa	113

<210> 24186

<211> 83

<212> DNA

<213> Homo sapiens

<400> 24186

ttctgtttta	tttagccct	ccatgcac	cattaatt	atgaacata	atgatatt	60
aattttcttt	ttttttttt	ttt				83

<210> 24187

<211> 216

<212> DNA

<213> Homo sapiens

<400> 24187

aggtcatttg	tgttggtctc	catcagttgg	tatatcttat	catcacatga	aatggaggct	60
catgttggtc	ttaaaatggt	gagattttac	tactcaagac	acctagaata	aattgggggt	120
gatgtcataa	tgatccctgt	tacattataa	ctaggccttt	actaccaatt	cctttgaccc	180
tgcagcctgt	aatagggtac	gctatcctga	ccctc			216

<210> 24188
 <211> 130
 <212> DNA
 <213> Homo sapiens

<400> 24188						
acagacgtca	tacagccctt	gaggaatagt	ttctgcctgg	tgagattgaa	tgatagttct	60
cattcacaaa	accctggatt	ctaagcaggg	acacacagaa	attactttcg	caggtaaadc	120
agccacccc						130

<210> 24189
 <211> 134
 <212> DNA
 <213> Homo sapiens

<400> 24189						
agtccctgga	cagctacgac	gccatgaata	tcttgcccaa	gaagagctgg	cacgtccgga	60
acaaggacaa	tgctgcccgc	gtgcggcgtg	acgaggccca	ggcccgggag	gaggagaagg	120
agcgtgasgn	agga					134

<210> 24190
 <211> 262
 <212> DNA
 <213> Homo sapiens

<400> 24190						
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ccttttagact	gctcagtgag	gcaggaaagc	ggagaacttt	cttgtaacac	tcagcagcct	180
gaagggcctc	actccccatg	aaacctaag	aaaattgaag	acttgaaggc	tccaggagtc	240
acctaatagc	gcagtccccc	ta				262

<210> 24191
 <211> 456
 <212> DNA
 <213> Homo sapiens

<400> 24191						
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ccccccaaat	cattgagaag	gacgttttgt	ccgcattttc	ctaacataaa	tctttctctc	120
cagatggaag	attgaagtct	cattgtgcta	aggaggaagg	aagtgggggg	ggggtgcatt	180
tagaaatctg	ctatatcaag	aaagacatta	aaaattgata	aaggtaggac	tacctgtttt	240
tatattctcc	cacatagcat	gtgttttaaa	gaatttgctt	ataatttggt	tcaaacgctg	300
acattttact	cstaagctat	ataattgtgc	ttgatttttc	cagagtaaaa	ttcgtattct	360
gtgacgagac	taatatgttc	acctactata	aaaattactg	cctgtggtaa	cagcgagaat	420
aaaaatctcc	tttgtgtaca	taatagctgg	cagaga			456

<210> 24192
 <211> 168

<212> DNA
<213> Homo sapiens

<400> 24192
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gaagtttagt gttagctttc tatcatttcc acttgaaaga atcccaaaca tgttcttggg 120
ttatctcaca actacagtca taagcccctt ctctttatcc cgccacag 168

<210> 24193
<211> 393
<212> DNA
<213> Homo sapiens

<400> 24193
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aaggaggaca gtgaaaaagt tccgagcttg ttaactgatt atattctgaa aggtgagttt 120
tataatggta taggtgcgat ggctgggagg tttggattag tcagtaaata catcgccctg 180
ctaatacatt agacagtaac ttcccaatgc acaactttca ttaatcttat tatgcagggg 240
gaggattagc tacatgactg acttctacca acattatata tcatggtttt atataattta 300
agttttattg gaggttctgg gttgggraaat aatctccaca gttaaactat aaacatcaag 360
agaggtagta gaagaaaatt agtgagatgg ccg 393

<210> 24194
<211> 260
<212> DNA
<213> Homo sapiens

<400> 24194
ttgatataaa ataaggagta agaggctgtg ctttggctca acagcaagtt ctactgcta 60
aaaagcctct gattctgccc tgtctgtgta ctttctgtga tcgggggagg gagagactgt 120
gcaggtgttt aaattgggac ttgaaagctt tagatttgtg ttgtccagaa aggtagccac 180
tgaccacatg tggctatgga gcacttgaaa ttcagctagt ctgggttaag atgtgctgtc 240
aatgtgaaat acaccacgt 260

<210> 24195
<211> 239
<212> DNA
<213> Homo sapiens

<400> 24195
tgtctcaaaa taataataat aataattcac ttttggaaac tgttccctac tagatttcaa 60
acaacttggg aatgaaatcc tatttgagtt catccatgtg tatttccaac aagttcagtg 120
tcttacttat aaatagtact tgaaggaatg aatacaactt tttctttatg tagttatttt 180
acacttgatt taaaggaact ttaaaaagac gcagttatag ctagagacag acgccctcg 239

<210> 24196
<211> 148
<212> DNA
<213> Homo sapiens

<400> 24196
tcagagtgat agcctagatg tattgaaggc atctcttatt ctgccaaatc ggaaagtcag 60
ttctctaaag cccgggttag ccagaccata gggttttatt ctggctgcag aataactggc 120
tgggtgtggc ttgcaaaggg gggccctg 148

<210> 24197
<211> 246
<212> DNA
<213> Homo sapiens

<400> 24197
aaaagagttg ggtgttgtgg tctaagccat atctgcttta tgggggacct tataaccaat 60
aatgctgtaa ttcttccaga ctctgagaag taccaccttg accgccttca aaaaaatcca 120
ggagaatttt ctgatttact agccagagac tctttttccc tacccttatt ttctctcaaa 180
gatacagagt ctttctctct gttctaagcc acctaaagct gggagaagaa agacacaagc 240
accccg 246

<210> 24198
<211> 148
<212> DNA
<213> Homo sapiens

<400> 24198
tcagattagg accattttta aaaaagagcc ttgttgtgat atgattggca taccaatgtg 60
tacatttaaa gcacacaatt tgatgtkbgc cctatgtatg aggataaaac tatcacaatc 120
aagaaaacga acatattcat caccgccag 148

<210> 24199
<211> 141
<212> DNA
<213> Homo sapiens

<400> 24199
ataataattt aatattgcat tataggcaat gggataagga tgagaatgtg aagtttagac 60
agagctgcag tcattttctca gctctgccat atactagcct catgcccttt gacaagtcac 120
ataacctctt aaagcccat g 141

<210> 24200
<211> 158
<212> DNA
<213> Homo sapiens

<400> 24200
tcttgtgtca ttaatatatt gtttctgaac ttattttaga ctataaaaca gtaaacaatgt 60
agaatagtaa atgtcacctc cttttgaatt ttcttaaagt aactggctgt gttcataggt 120
tagtttaaatt tcagccagtt actctagcaa aaccactg 158

<210> 24201
<211> 101
<212> DNA
<213> Homo sapiens

<400> 24201
tatgaaaaca gttttcataa gacaaaattt tgttttatga aaatagcttt cataatacaa 60
aatacagata gacacctga aatggtctcc agaacaccaa g 101

<210> 24202
<211> 299

<212> DNA

<213> Homo sapiens

<400> 24202

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ctagtagctg	ggattacagg	cacacaccac	catacctggc	taatttttgt	atthtttggt	180
gagatggggg	ttcaccaagt	tggctagast	agtcttgaac	tcctgacctc	aggtgatcca	240
ccgccttg	cctcccaaag	tgctgggatt	acaggtgtga	gccactatac	ccgaccagc	299

<210> 24203

<211> 243

<212> DNA

<213> Homo sapiens

<400> 24203

agcaaacaa	g	caacagaaag	gataaaagata	aaactgaaaa	aggggctcaa	gtatgctata	60
ttctagatat	t	taaaaaataa	aaataataaa	actagtgggt	tcacgacaga	caggggagac	120
tattttaaca	t	tatatgagac	aaaggattaa	tacctagtaa	aatatgccta	attaaacatt	180
ggttactatg	t	ggaccaaga	tgthtttact	gatcagttct	ccgaaacatt	taaggaagag	240
tcg							243

<210> 24204

<211> 268

<212> DNA

<213> Homo sapiens

<400> 24204

ttcaggcttg	tgtcttttagt	tgcgtggctg	cgcaggcctg	ccatatgatt	taagccatct	60
cttttcatta	aatgtttctc	ttcctgtgag	acttactaaa	gcaacttagt	ggcaaaaagt	120
aatgttgtag	ttataattct	gtacagaaat	gacaatgagc	tgaatatatg	gttttacaaa	180
gtagacatcc	acttgcaaaa	tgthttggatg	taatgttaaa	gcgcaatgtg	caaaaatttaa	240
aataaagaat	atttattaat	acgcacga				268

<210> 24205

<211> 307

<212> DNA

<213> Homo sapiens

<400> 24205

gaaatgccaa	ggaaattgat	tatatthtggc	atggctctga	agtaaaaaaa	attcccatcc	60
ctacctcata	agtctgcct	ttacctccct	cttctccct	acatggagtt	tcttaactga	120
aggctcaact	ttagthttca	ggccaatttg	gagccaagac	aatgtctggc	tccaaatggg	180
atttaaatag	cttcaacccc	tccgttggtg	gagthcagag	tatatthcca	gacagatgac	240
ctcctggact	ctcatggtgc	ccacggagcc	tcagctctcc	ccactctcta	ctthtggccc	300
tgacatg						307

<210> 24206

<211> 268

<212> DNA

<213> Homo sapiens

<400> 24206

ttttatttcc	agthtatggat	tcaactaaat	gactgccttg	ggagcacata	attactthtgc	60
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tacctttttc cccctttgct gttgtggctc gagtttggtt ctcacctgag aagatgcatt 120
gagcatatgt tgttacccag ccttggctta atgggtgcct gtggggtagg ggtgggagga 180
cgagggggcac ggggccagag catgtgaatg gatcatgggt ggacagctgt gacctgccag 240
cactgcgggt aagcaaaact acaaaccg 268

<210> 24207
<211> 127
<212> DNA
<213> Homo sapiens

<400> 24207
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gccgcctggg cgctggcct gtacggggcg ggggaggcca tggcctcggc tgagttgcag 120
gggaacg 127

<210> 24208
<211> 187
<212> DNA
<213> Homo sapiens

<400> 24208
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taaagatcaa gtcagtgaac ttgggatata catcacctta gaaccattca aattctctat 120
tttgaaatgt agagtagatg gttgtaaaact atagtcaccc tgctgatgtg tctaacgcta 180
gtcttag 187

<210> 24209
<211> 104
<212> DNA
<213> Homo sapiens

<400> 24209
tgaggatcatg gtttcacagc tggatttgcc tccttccac cccacagttg ccccccaatg 60
gggcctcggc tggctcacag gatgagggtt caagaagaag gcc 104

<210> 24210
<211> 213
<212> DNA
<213> Homo sapiens

<400> 24210
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tacaacaggg ttacatcctg atacgcatat catataaacc tatcgacat aacctattg 120
gaagtcaagg agcacctgta ttatgttcca gagttatgaa gtttacccta ttctctaagc 180
cagaaccccg ccaccacccc ccactcccc cta 213

<210> 24211
<211> 263
<212> DNA
<213> Homo sapiens

<400> 24211
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gaacaccgtg atgcttcthc tgcagggcgt gtgatgagga ggcgagcttg gctttggaag 120

tgctgggaac ctgaggaatt gccaggacc cagagcccag ccctgaccac cagagtgcc 180
 aaaacacaat gaacaaattg aattttcata acaacagagt catgcaagac cgccgcagtg 240
 tgtgcatttt ccttcccaac gag 263

<210> 24212
 <211> 136
 <212> DNA
 <213> Homo sapiens

<400> 24212
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 tatgttacct aagctgacct tgaacacctg ggctcaagag atcctccac ctcaacctcc 120
 caraagtact greact 136

<210> 24213
 <211> 82
 <212> DNA
 <213> Homo sapiens

<400> 24213
 agacaancat aagagaatac cgcagaccaa atggcttaga aattaattta attttaaatc 60
 aatgagggtta aaaacacagg at 82

<210> 24214
 <211> 177
 <212> DNA
 <213> Homo sapiens

<400> 24214
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 agtgggaatt tgctccagca cttcacggac tgcaagcgag gcacttgcta actcttggcc 120
 tccctgaaca taggaaaccc acctgggcag ccatggaatg ggacaatggc acaggcc 177

<210> 24215
 <211> 164
 <212> DNA
 <213> Homo sapiens

<400> 24215
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 aatccctgcc tgctgggaga ggacgatctc ttgagaaagg aaagacttct gtgctcccga 120
 gaacttcta tcaggcttg nttctaata tactgaccgc cccc 164

<210> 24216
 <211> 102
 <212> DNA
 <213> Homo sapiens

<400> 24216
 catcgaavgc ttaccttgt gggggtcaga atattcgtgg aactggaatg ccatagatga 60
 ggggcccaag agggacattg tcaaggaact taaggtagcc tg 102

<210> 24217
 <211> 199

<212> DNA
<213> Homo sapiens

<400> 24217
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gtacacaata tattgtattc agtatagtga ccatgggtga ctacagatcw wttaaactta 120
ttcctcctgt ctaactaaaa ctttgtgtcc ttgaccaat atctctctct tttcactcca 180
sccccaggac ccccgagccc 199

<210> 24218
<211> 151
<212> DNA
<213> Homo sapiens

<400> 24218
taaaagnnya gagagtacgg aaaacatgag ccgcttttcc aagcttttkrg ttgagtmwgg 60
aagagccctg gtgtaccccc acccacttga gggatccac agtgctttca gcaggagttc 120
aatgtgggta ttcctttacc ctcccagacag c 151

<210> 24219
<211> 183
<212> DNA
<213> Homo sapiens

<400> 24219
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cacttgggtt aggagtttga gaccagcctg gtcaacatgg tgaaaccccg tctctactaa 120
aaaatacaaaa aattagctgg gtgtgggtgg gtgcacctgg aatctcagct attcgggagg 180
car 183

<210> 24220
<211> 172
<212> DNA
<213> Homo sapiens

<400> 24220
tctcaatact gtcctttata ataatttttt catgatccag gatttgtgtg ttggattttg 60
ttgtaaggtc tctttaattt mmtttgatct ggaatagctc ctcagttgta ttttgtcttt 120
catgacattt acattttttg agagtacagg tcatttgttt tatagaatgg ca 172

<210> 24221
<211> 232
<212> DNA
<213> Homo sapiens

<400> 24221
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ggactcagca atctgcttta acaagtcctt tggatgatct gatatacaga aaagtttgag 120
aaccactggg ctagggattg ctggaggaga tggttaagcag tagatggatt ctggtgtatg 180
ttttgaaggk argggatgaw aggacttttg tatatgggag ctgaggaaaa cg 232

<210> 24222
<211> 142
<212> DNA

<213> Homo sapiens

<400> 24222

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aaagtttatt	ctggaaacaa	aaggaaaaaa	aaacakgggc	gacggagaaa	ggagtcgggg	120
gcgggggcgt	gtggcggagg	ga				142

<210> 24223

<211> 232

<212> DNA

<213> Homo sapiens

<400> 24223

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aaaggataga	aaagttacgt	tgatggtgtg	cccctcgata	tctagaagat	agcatagtcc	120
atgcattctc	agaaagatcc	tatccatgtg	gtatgtagag	atgtgggttt	ctttttttct	180
acttttttat	gtgcttcttt	ttagaaactt	atacacacac	acacaccaca	ct	232

<210> 24224

<211> 209

<212> DNA

<213> Homo sapiens

<400> 24224

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cttccctctg	cccaccacac	ccttggccav	twatcactcc	ctgaacattt	gttgtagtta	180
ctgataatct	cattgtccat	ctccccac				209

<210> 24225

<211> 128

<212> DNA

<213> Homo sapiens

<400> 24225

caggctggag	tgtagtggca	cgatctaggc	tactgcaac	ctccacctcc	taggcttaag	60
tgattctctc	atctcagcct	cccaaagtgc	tgggattaca	ggcgtgasca	ccatgccccca	120
cctgaagc						128

<210> 24226

<211> 148

<212> DNA

<213> Homo sapiens

<400> 24226

cttttahnet	attaattttt	ttttccttaa	aatcactttt	cttcttctct	tttttttagct	60
gatgactact	agctccccct	ccctctccct	ggaactttct	ctttcactcc	aactttctta	120
ctacatccat	cttttctgtg	gcgggcaa				148

<210> 24227

<211> 233

<212> DNA

<213> Homo sapiens

<400> 24232
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 tatttaaagtg tgtgctatga cccactatga ccacagcatc tgcattttct aaaaaattcc 120
 atgcaggtgt tttggggaga ggtatTTTT aagcaatgaa aattcaactg agtacaaagc 180
 cccctcttgg ggggttggg aagtctcttt tttgaaacac ttcagaactg ca 232

<210> 24233
 <211> 132
 <212> DNA
 <213> Homo sapiens

<400> 24233
 actattacag aatcactatt tataaattaa attattataa tgcttcagag tgtaaataag 60
 tgatatccca aagctatctc ttgggatgaa cacattgaac taatagtagt gtaagatatc 120
 tcaagcccc rt 132

<210> 24234
 <211> 268
 <212> DNA
 <213> Homo sapiens

<400> 24234
 ctggagnntg ggggaaaaca tgcattgctg ggccccacct cagagtttct gattcagtag 60
 gtctggcatg gcatcccatg atttgtatTT ctagcaagtt cccaggtgct gctgctactg 120
 ctgggtctgag ggaccactct tttgagagtc acttatctag aaaggTTTT cctgggcctt 180
 gggaaacctt cccagctgcc cttccctctc gagaggtctc ctgtcagtc ctgcctagct 240
 ataggagaga ggacctctac ccagcgct 268

<210> 24235
 <211> 242
 <212> DNA
 <213> Homo sapiens

<400> 24235
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 tcaaatTTtg ctctcctatt gctataattc tgctagcaat ctgttgaggt gaaactTggg 120
 atctgamTct tcagcaagca gcaaatgacc tagtaactca gggacaacta tttttgaact 180
 ttaagtgcc ctttaatgca gttagttTga taaaaccatg tgggtTTTT tttcagggca 240
 cc 242

<210> 24236
 <211> 173
 <212> DNA
 <213> Homo sapiens

<400> 24236
 aggtatshya gattaagcta ttgaggctaa gcatggTggc tcatgactgt aatcccagca 60
 gtttgggaga ctgaggcagg aggatcgctt gagccctgga gttctcgacc agcctgggccc 120
 acatagttag actgcatctc taccaaaaaa tgaacaaaat tagccgggtg tgg 173

<210> 24237
 <211> 78
 <212> DNA
 <213> Homo sapiens

<400> 24237
 gcgtcttcca ttccagagca ggtggcagca gagagttgac actgcctccc tctcacactg 60
 tacacacaca caccctgc 78

<210> 24238
 <211> 269
 <212> DNA
 <213> Homo sapiens

<400> 24238
 aggcggmcgc gcgggatctc gagctgggat cgccctcctg ggcttcggtg cgatcggcgg 60
 cgggaggttc cctgggaacc aggtggtcga agggctgagc tgtgtggcca gacaagaggt 120
 ccctgccctc ccccagtgag ccctgctgtt cccgtgggag ccatgaagct gaacgagagg 180
 agtgtagccc actatgcact cagcgactcc ccagcggacc acatgggctt cctgcgcacc 240
 tggggggggcc cagggacccc accgaccca 269

<210> 24239
 <211> 136
 <212> DNA
 <213> Homo sapiens

<400> 24239
 agataamsat ttgacttgca tgaagagaag caattttggg gaagggtttg aattgttttc 60
 tttaaagatg taatgtccct ttcagagaca gctgatactt catttaaaaa aatcacaaaa 120
 atttgaacac tggctg 136

<210> 24240
 <211> 278
 <212> DNA
 <213> Homo sapiens

<400> 24240
 ttacaamnag araaatgagg cataaagacc aacttttctca gtaactgatc aatagtaagc 60
 gaaattaaaa atccaggtgg tctggcatca ggcctatgc cctttactat taggatctca 120
 agcaaaatgt gttttaaatg tcagttctcc tgcaggcagc tagcagtaca ctccagctcc 180
 caagagcgag tataccctac tgcagttctc attccttatg aggagcaggg ctaataggtc 240
 ctggctgttg ggcattgtgt ttgttataag gtggagtc 278

<210> 24241
 <211> 233
 <212> DNA
 <213> Homo sapiens

<400> 24241
 tctctwkhnt gtaacttcaa aactttttaag agcagtgaag ttggtcaggg acatgtggcc 60
 acttattatt acctaaagaa aacatttggt ccctgttcat tttatttttag gggccagatc 120
 taacattgta gtgtctwdca ccagatagac ttctactgtt tcatcaaact cccttcttaa 180
 ctagacctag actttctact ccaatcaggc taatctactt actgaatgtg aca 233

<210> 24242
 <211> 165
 <212> DNA
 <213> Homo sapiens

<400> 24242
attggtinstc gcggttggcg gttacaggta ggagagaagg cacctcggcg cttctctgag 60
gagaagggaa ggctccaggc tgcagcgcrs gtnctgakct gccgcgaccc agcctccggt 120
cccacgtcgg agctcagaag cttaggggtgc caggccccc gctaa 165

<210> 24243
<211> 138
<212> DNA
<213> Homo sapiens

<400> 24243
cataatgggg gtaaagttaa gttgagatag tttcatcca taactgaaca tccaaaatct 60
tgatcagtta agaaatttca catagcccac ttacatttac aaactgaaga gtaatcaatc 120
tactcaaagc atgggggt 138

<210> 24244
<211> 171
<212> DNA
<213> Homo sapiens

<400> 24244
ctttatacat gatacttttt gtagtttctt ttaatttttg aaagatgaac tgcttccttt 60
taataaatta atatctatct atacttttct cttgatttgg gtcaagatgt ttgatcatga 120
gtgctttgag tggatgtgg aataggagaa tataaaaaca aatctgcaa g 171

<210> 24245
<211> 392
<212> DNA
<213> Homo sapiens

<400> 24245
catgggtgcc ctccccttgg ttttcaagta tcttggagtt gtgcacaaaa attaggtcat 60
gccttcagtg tcttgttctt taaacctacc ctttgacaat caggtgctaa tgattgtata 120
ctattaaaac cagcacataa gtattgtaaa tgtgtgttcc tcttaggttg gaagaaatgt 180
ctttccttct atctgggtcc tgttaaagcg ggtgtcagtt gtgtcttttc acctcgattt 240
gtgaattaat agaattgggg ggagaggaaa tgatgatgtc aattaagttt caggtttggc 300
atgatcatca ttctcgatga tattctcact ttgtcgcaaa tctgccctta tcgtaagarc 360
aagtttcaga attttcctc cactatacga ct 392

<210> 24246
<211> 222
<212> DNA
<213> Homo sapiens

<400> 24246
tttataaatg ttactcaggt taaaagtatt taagaatata gttaactaat tgtaaatatg 60
ctgttaacca aaagagcttt cctcctctca ctttttctt tgtaaacact catgactgct 120
tctctgtctc gagtcatctc tgcattaaact ccccttcgtg gtcactagag ggctctctga 180
tgccttctaa aagaacaact gcttttttac aatgccccac cg 222

<210> 24247
<211> 145
<212> DNA

<213> Homo sapiens

<400> 24247

tttctcataa ccagaaatct cagatTTTTct gcaagaatct aaaaactatt ttatTTTtatt	60
ttttaagact gagTTTtact cttgtcgcct aggctagagt agaattggtgc catcttggct	120
cactgcaact tctgcctccc ggTtc	145

<210> 24248

<211> 143

<212> DNA

<213> Homo sapiens

<400> 24248

gtcgggaaat ggcggccgcg gccgggctgg ggcttcagcg ggaggcagca gaggggaagt	60
ggtcagcgtg gcgaatgacg gaagaaactc gcattgtcta ctggatcaag gacagacagc	120
tcaccaaccg tgacagcacc cga	143

<210> 24249

<211> 342

<212> DNA

<213> Homo sapiens

<400> 24249

attgtttcaa ttctaggaaa tgagaaggaa acgtgtagat tgggtggtggt gtgatttgtt	60
gaatatgtgt tacatatggg ctgactagtt cttttttatt tgtcttattt gacaggagt	120
tgaaaccaag attgcacaag agatagccag tctttcaaaa gaggatgttt ccaaagaaga	180
gaacacggga tcagctagtc tagcctgttt ttacaaactg gtaaactatg ggccaggga	240
ggtagatttg gacgctgatt attgctggac tagagctcta aactgttgat ccaatttgtg	300
tccctaattgc ctaagacaat gactggtaca tgggtgatgt at	342

<210> 24250

<211> 174

<212> DNA

<213> Homo sapiens

<400> 24250

aactcggggc tgctgggtag tccaggaggg cgcggtaagg ctgggggtgtc ctggtgagaa	60
ctggagagga tctaccggg tccctgcctg gccagtggg aaacaccgg ccccaggca	120
ccttcaccta accagagcgg ggatttcac cgcccctcat gccgccctt ggag	174

<210> 24251

<211> 169

<212> DNA

<213> Homo sapiens

<400> 24251

cagtcctcta tgatcatctaa tgttactttg actgaaacta acatgtgagt ggaactaact	60
tttgaaaag tatgcaaac tgttttgggt ctgagtgtgg tgactcttgc ctataatccc	120
agccctacag aagaccaacc ttggcaacat ggtgagaccc caccgccac	169

<210> 24252

<211> 251

<212> DNA

<213> Homo sapiens

<400> 24252
 agaaataatg aactcctcca aggcaagaaa tctgttttga agcttctctg cgttcacaca 60
 cagcagcctg gtttcctgga agggcatttt ccacattgtg cgttatggat gatcatccca 120
 ggcatcaggg tatgcacaga tgtggaaaca ggaactgatg tgtccattac accactagga 180
 cagaggccag aacaatgaag aaaccaaata cttggaagag ggtagagata atgaatggag 240
 tccaagggcc c 251

<210> 24253
 <211> 118
 <212> DNA
 <213> Homo sapiens

<400> 24253
 agggagggcg ggcggcgcga gtgggcgcgg gcccggtggg ccaggctcca gggagcagtg 60
 tcagggccag ggagacgatg gtctccgtga ctatggccac ttccatccca ggacaccg 118

<210> 24254
 <211> 143
 <212> DNA
 <213> Homo sapiens

<400> 24254
 cagtgttgct gggggcgggg aacgggggtg gggaggttct tagttgcgaa ggagccaagc 60
 tcctgatgga cttgcgttgg gatgtggggg acacctgtgg catggtaagg ctccctgagt 120
 cccttactcc aggtcagatg cct 143

<210> 24255
 <211> 183
 <212> DNA
 <213> Homo sapiens

<400> 24255
 catttctgtt tgcagctttc tctgaagtct tcacttgaag agatgctgtc agttctgttc 60
 taagttgctt gttgaacttt ctttccttta accacaataa tgttcatgct gtcttgggtg 120
 ggagaggttt tattttggtg gccaccccaa attctcagta cattttaatt tctttttttt 180
 ttt 183

<210> 24256
 <211> 197
 <212> DNA
 <213> Homo sapiens

<400> 24256
 cagtaatttg tcttttggtt ttgtgtaagc attttgctct taacttggat gtagctgtgg 60
 gggatytctg ttaaaaaagt gagattgttc gatggagact aggaagagaa agtgtactcc 120
 tatctgaagt cactcatctg twttcttccc attccttctt ggcgaatgth aagaactgaa 180
 catttggcgt ggacact 197

<210> 24257
 <211> 258
 <212> DNA
 <213> Homo sapiens

<400> 24257

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agattttaagc agtatttcttt ttgtttttcca aaatacacat cagaaaaata ccttttcagta    60
cgaataaaatt atgttttgata gatgtagact acaaaaaaaaa attttttttct agttcatctt    120
gtaaacatta agtcagagtt taaggccatg tgatacggaa acagctcaat attagaaatt    180
gtactgagat taaatatctg gctctgcac taactaattg taaattccta agcgtgttat    240
tcataccttcc tggcctct

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<210> 24258

<211> 403

<212> DNA

<213> Homo sapiens

<400> 24258

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tagacagggt ctactgtgt tcccaaggct agtatcaaac ttctkgcccc aagtgattct    60
tccacttggc ctccsaaact gctgggatta cacctgtgag ccactgcacc tggctgatct    120
tttgaaattt ttaccaaga cttatgtgtk ctaacagaac gcaccagggtg caaataagaa    180
tattgtgtat ccacttgctt ttgactggag agtdctgtac atgtctgtnt agcccatttg    240
gtttgtgata tgggttagat gccctccaaa tcgcatgttg aaatgtaatc tccactgttg    300
gattggggcc taatgagagc tgtttgcac atggagacaa atcccctcat gaatgacttg    360
gcacaatcat agagtttctca ctctactaat tcacatgaga gct

```

<210> 24259

<211> 241

<212> DNA

<213> Homo sapiens

<400> 24259

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aggcgtgcg casccaggcg tgtegcgcgc ttgggaaccc wcgbbgctcc cgcagcgcag    60
ttaacgtgga caagctgggg caacctggac gagctggggc aacctgatct cggctgtcga    120
agtgggtgtc ctcaagabaa ggtgacttgg tcctcgcgga cgccagggtg tgccccttag    180
atacctgcc a cctcccagcc tccgtttcct ctctgggaaa cagactcctc atcacctccg    240
a

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<210> 24260

<211> 220

<212> DNA

<213> Homo sapiens

<400> 24260

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tatgattaaa aaaagagtac agtgactgtg gggctcagag gaggcacttc acgcagcttg    60
gacattgggg atcactttct tcttgaggga ggggacattg ttgctctgtg gtaaagaagg    120
ctctttgtga atgccaggcc ggmaactttt gatattatcc agagggcaat ttttatcaag    180
agctttggaa agatttttag caggaaaggg acatgatcag

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<210> 24261

<211> 289

<212> DNA

<213> Homo sapiens

<400> 24261

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acaggtttga gtctcctgct tgtatagggt acttgtgccc atkgktacat taaaggaaca    60
tgctgccag ggctgggag gacagctcag tgggcaggat gtgtgcwkkg tctcagcccc    120
atgtgacctg ttgctgggca gttagtatag ggcaaagcct gcctgcggcg accctggctg    180
ctaggccatt ctctaggaac agctgcgact cataaagacc aagaagcata aataaacttt    240

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caaaaatttta tttggctctt tcgttaaaaa ctgtgcaaata taaaaaaa

289

<210> 24262

<211> 224

<212> DNA

<213> Homo sapiens

<400> 24262

gttgatccc	ctgtgccctt	atcctgtttg	ttcctctttc	ttggtttatt	ttccctcttt	60
ggtagacctc	atcttctagt	aggtaggtct	tgagagtaga	tagctgggaa	gtaaacattt	120
tatgaaactt	tgcaaaatgt	gtwtatttgc	tttcgtattt	ggttcactgt	ttggccgagt	180
gtkgaactct	agacttgaaa	acattgttgg	ttgctggccg	tagc		224

<210> 24263

<211> 248

<212> DNA

<213> Homo sapiens

<400> 24263

ctagtgaatt	ctgtaccttc	agatgatttc	ttcttgctcg	ctaacttttt	ttcttttagg	60
ttaagatatt	ccttttagcat	ttcttgtagg	acaggctctg	tgtaaatgaa	atccctcagt	120
ttttttttgt	cggaaaaaagt	tcttattttc	ccatcaagtt	taaaggccgt	ttttgcctga	180
gacattattc	taaagtaaaa	gtcttttttt	tcttcagctt	ttaatatgtc	atgccagctc	240
ccctgccc						248

<210> 24264

<211> 187

<212> DNA

<213> Homo sapiens

<400> 24264

tatttttagt	agagataggg	ttttaccgtg	ttagccagga	tggtctcgat	ctcctgacct	60
cctgatctgc	ccaccttggc	ctcccaaagt	gctgggatta	cagacttgag	ccacggtgcc	120
tggcctggat	atttttatat	aaacactctt	ataaacagtt	ttaagctttt	tttttttttt	180
tttcccc						187

<210> 24265

<211> 382

<212> DNA

<213> Homo sapiens

<400> 24265

ttttaantgt	gcacaacttc	caaaggccgg	tttggtgctg	aattggaaag	gattctagtt	60
cgcaaaacct	ggaaaatgac	cattactctt	gttttctttc	tttcgttctt	tttctttaaa	120
cagttgtatt	gaggtataat	attgccatgt	tttcttaacc	tagctttttg	gaagaaagtt	180
tgggtcaatg	ttaagccaga	atttcttaac	ttctagggct	ttttgatatg	atcttgcata	240
agttttctca	actctcactt	ttttattact	cccagataaa	tcttttcagt	agaaatttgg	300
gaaatttttg	catttttaaaa	actcgtactt	gctgatgcag	ttttttttct	ttcttttctt	360
tctttctttt	tttttttttt	tt				382

<210> 24266

<211> 346

<212> DNA

<213> Homo sapiens

<400> 24266

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gcctcctgag cagctgggtc tgcgggcact tgccaccatg ccctgctttt ttttgggtag      60
agacggggtc tcgctttgtt gcctagactg gtctcgaact ccgtgctcat gtgatcttcc      120
caccttggcc tcccaagtgc tgggattata ggtgtgagcc cactaccacc ctattatgat      180
tactgtgag accccaagtt ttgggaaggg ttgttttata cagtaataga taatagaaac      240
ctaacaaact gaagatacat acactatggc ttagcaattc cattssstagg tgtgcaccct      300
agagaaaactc tcatacacac ctatcaggaa atgtacacta gacaag                      346
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<210> 24267

<211> 105

<212> DNA

<213> Homo sapiens

<400> 24267

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aacaaacaaa aaaactttta aggaaccaa taatgcctgc atgttttaaa gtatatataa      60
aatgctccga aatgataaga agtaggtctt ctccctcaac cccag                      105
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<210> 24268

<211> 200

<212> DNA

<213> Homo sapiens

<400> 24268

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atttccatat tttgatttgc atcttgggag ttgcttggaa tttgggatcc tcttctgtct      60
cttgagttga aatcagaggc tgcttgccgg gcaaggtggc tcacgcctgt aatcccagca      120
ctttgggagg cccaggcaga cagatcacca gatgtcggga gttagaaacc agcctggcca      180
acatggcaaa accccgtctg                      200
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<210> 24269

<211> 218

<212> DNA

<213> Homo sapiens

<400> 24269

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tcttggtata gagagcattt gtgatgctat taattccctg aggccacata tccagctgga      60
tggactggac acctgctccc agcctccttg cggataaaga ctgagaataa aataaatgag      120
tatttctccc acttttttaa tctcagttca agacttcaga tattagatgc atttgggaca      180
tgtttttagtc attcatgttc cacgtctgaa cgggtggc                      218
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<210> 24270

<211> 445

<212> DNA

<213> Homo sapiens

<400> 24270

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attattaccc gcaactgtct gtctttctgt ctgtcccacc caggctgcag gaggagattc      60
agttgaagga agaagcagag aacaatttgg ctgccttccg agcggacgtg gatgcagcta      120
ctctagctcg cattgacctg gagcgcagaa ttgaatctct caacgaggag atcgcgttcc      180
ttaagaaagt gcatgaagag gagatccgtg agttgcaggc tcagcttcag gaacagcagg      240
tccagggtgga gatggacatg tctaagccag acctcactgc cgccctcagg gacatccggg      300
ctcagtatag accatcgagg ctaagaacat ttctgaagct gaggagtggg acaagtcgaa      360
ggtgtcagac ctgaccagcag cagccaacaa gaacaacgac gccctgcgcc aggccaagca      420
ggagatgatg gaataccgac accag                      445
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<210> 24271
 <211> 268
 <212> DNA
 <213> Homo sapiens

<400> 24271
 cttaaacatt taatttgtca tctctcttac caatgcatta cttaaaataa tttaaaagta 60
 gagactgtgt taataatatt cccagaattg acttttttcc ttggggatca gggcttcaga 120
 ttggttgaaa aaggaataaa gtttttatat gttgtgactt catgttgctt tgagctacca 180
 gtcgggctta cctgtcatca ctgagcatgt gcatctcttc tgtcctgggt accctggggc 240
 aggggtgtgg cgtgtggtga ggaggacg 268

<210> 24272
 <211> 109
 <212> DNA
 <213> Homo sapiens

<400> 24272
 aaattttaga gattaagaga agaaagcttt ccatctctaa aaatatgtac tagaagagat 60
 gagaaatgga tttgaaggct aatttgaaac aacaatcagc atgacacac 109

<210> 24273
 <211> 228
 <212> DNA
 <213> Homo sapiens

<400> 24273
 acagaagcgc acagataggg aagatatatta ggaggctggt aagattcagg attagatgag 60
 gcagagagag ggtcagaaat ggttcccata tttctgattt gcagaatgtg gatggacagt 120
 ggggccattc actgagataa agaaacttgg aaaaagactt ggttgggaga gatgagtttg 180
 cctttggcca tgatggatta gaaatgcctt tgaaacatcc ggggggac 228

<210> 24274
 <211> 182
 <212> DNA
 <213> Homo sapiens

<400> 24274
 ttttactgat ttgtaacatc ctttgatggt tttctctttt tataattttc aagaaaatct 60
 ctgaatatct gcattttgat atttctcttc aatatgtact ctccattttt tatagcactt 120
 taaaaaactt gatttcaaga taatttcaga cttaaaaaaa gttaaaaaaa atagtacaag 180
 gt 182

<210> 24275
 <211> 130
 <212> DNA
 <213> Homo sapiens

<400> 24275
 tttatgcaat ggaataccag gcaactaatcc agaactctggg atctaggagc aaggctgaca 60
 accaacagat aaataaacag ggggattata gactgtgata actgctatgg agaaaacaga 120
 tgcagagggt 130

<210> 24276

<211> 218

<212> DNA

<213> Homo sapiens

<400> 24276

atttattata	cacttgatag	tagtatatac	ctgaaaatag	atgctttaat	tattttttta	60
tcttcttttc	tttattcctt	agcttctctc	tggtattaca	tgaggccagt	tgatttatta	120
tgccatcctc	attgggtaga	gggatatgtc	agattattta	acttgtttct	caatatttca	180
tattttagaa	tataaaatta	taaatgtaag	ggccaaat			218

<210> 24277

<211> 269

<212> DNA

<213> Homo sapiens

<400> 24277

gttcttaata	tgagatttaa	aatcttaaaa	tgtttcttat	tttcagcact	tacatcattt	60
ggtacacagg	gtcaaataagg	gcaaataatt	ttgtctttgt	ataatagatt	tgatatttaa	120
agtcactgga	aatatcaaat	ctattatata	aagacaaaat	ggccttaaaa	tggtggatca	180
agcaatatgg	tctaaaaaga	tgtccaatgg	tacaagacgc	attcctgtgt	cccctgaaca	240
ggcacgctcc	tacaataagc	agatgcaac				269

<210> 24278

<211> 227

<212> DNA

<213> Homo sapiens

<400> 24278

agtctcactc	tgatcatccag	gctggagtgc	agtggcgtga	tctcagctca	ctgcaacctc	60
cgccctcccg	gttcaagcaa	ttctcctgcc	tcagcctccc	aaatgtctgg	gattacaggc	120
atgtgccacc	acgcccggct	aatttttctg	tatttttagt	agagatgggg	gttttaccat	180
attggccagc	ctgggtctga	actcctgacc	ttgtgatcca	cccgcta		227

<210> 24279

<211> 418

<212> DNA

<213> Homo sapiens

<400> 24279

tccccctccat	tagtáttagga	aagctacgac	aatcattagt	atagaaatca	tttactttga	60
gggtatttaa	attactgttg	agaaacacct	tttttggtgc	tgatgttaac	ttatggtaag	120
ttcctaggat	agaatttttc	cccttactgc	agtgtggttt	ttcagctgaa	ttattttata	180
tactgacatt	tctgcgaaac	accctttgtg	ttggccatgt	tagatttacc	aggaaggaaa	240
aatagaatat	tttgctaagt	gtttaaatag	aaacaatgtt	ttaaatatca	gttatatcta	300
actgagagaa	caatagattt	cttcttagga	aaccttctc	actgaagagt	gtgctatgca	360
ttgttaaate	tcggatggga	gaatatgnyc	taatagttaa	ttaaragcac	cttgtttc	418

<210> 24280

<211> 366

<212> DNA

<213> Homo sapiens

<400> 24280

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atgaaagaag	cctcttggtt	tacaaacctc	tttgcatttc	taatgtgggt	tctttcagat	120
ttttattaga	tatgttactt	aaaaggggaat	taaggggttg	gacagattgt	ggcacacaaa	180
cacacacaaa	aacatgtctg	ttttcacatc	cctagctgtg	gttttaaaat	tgtgttaagg	240
aaatggatca	tttgggttag	taggggaatt	ttatctgggtc	ctgtatgttt	gcttttattc	300
ttcgagtgt	aatgggcctg	tgcaacagtt	ggctggtaaa	tggtctgatta	aaaagcaaag	360
cagaaa						366

<210> 24281

<211> 420

<212> DNA

<213> Homo sapiens

<400> 24281

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attttacatt	gtttccttgg	ttccaatggc	aattagaacc	atatttggtg	aatgtgtgat	180
aaataatgga	gaggttttga	ttattttgtt	tgtctagtag	tctatcatta	ttatcctttg	240
aattctgtaa	ttttgatgac	cagaattcct	agcadctcat	ttacactaga	aagggcagag	300
ttttggtgcc	aggtacgggg	gtttgggctg	gtgattcccc	cttggatggg	tggggctggg	360
cacaaagtgt	gagaactgtc	ttcccccaga	cattgtccag	atgcacatcg	agaccttggg	420

<210> 24282

<211> 114

<212> DNA

<213> Homo sapiens

<400> 24282

cagaatctac	aatgaactca	aacaaattta	caagaaaaaa	acaaccccat	caaaaagtgg	60
gcaaaggata	tgaacagaca	cttctcaaaa	gaagacattt	atgcagccaa	agcg	114

<210> 24283

<211> 196

<212> DNA

<213> Homo sapiens

<400> 24283

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gccgaggcag	gcggatcacc	tgaggttgag	agttcgagac	agcctgacca	acatggagaa	120
accctgtctc	tgctaaaaat	acaaaattag	ccaggcgtgg	tggcacatgc	ctgtagtccc	180
agctactcag	gaggat					196

<210> 24284

<211> 190

<212> DNA

<213> Homo sapiens

<400> 24284

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tcctagggtta	agttccttag	tttagatatg	gtgaaagatt	gaaaatcaca	ggactggagg	120
agtgtctatg	gatcttagat	cctagaagga	gaattagtgt	gttcatcaat	ctctagttaa	180
caacccccag						190

<210> 24285

<211> 256
<212> DNA
<213> Homo sapiens

<400> 24285
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agtcttaact gttgagcctt tcctttcata tccacagaag aactgtctc aaatgttgta 120
cccttgccat ttaggactga actttcctta gcccaagga cccagtgaac gttgtcttcc 180
gtttgtcaga tgatcagtct ctactgatta tcttgctgct taaaggcctg ctcaccaatc 240
tttctttcac accgat 256

<210> 24286
<211> 300
<212> DNA
<213> Homo sapiens

<400> 24286
ttttacccag ggctacttag aaaattttag aaaaatactg cctaaagcat tgtttcaaag 60
tatcgatcgc ttgaacaaaa ccgctaccct agatgatctt gggcagggtg ggggaatctg 120
tatttttaac aagtgtctca aatgatgctt ggacacactg aagtttgga accacaggca 180
tgtgaataag gttactttta ccagcatgca agattctcca agatatctga tcccaggcta 240
ttgcttcagt ttcacctctc tctctatacc ctgcccagtc cctattccct aaccccatat 300

<210> 24287
<211> 425
<212> DNA
<213> Homo sapiens

<400> 24287
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attaaaattt tattttattca gtcataaggag ctacatttca agtatttaac agccatgtgt 120
agctagtggc tacagtattg gactkggcag atatggaaag ttttcattat cacagaatgt 180
tcttcaggac aacactgttt tagaagattg tgtcttttaa ttaatgagat tgagtttagc 240
ttgttcaaaa ataactcatt tgccatttca ggattaattg aatttattag ggtgtktatg 300
taggttttat gtatgggttt tagttatttg aatatgtcat aagttttttt acttgtttat 360
atataggttc aacacggata avagctagga acgtaaacag cttcattttt ttgacagcag 420
actta 425

<210> 24288
<211> 313
<212> DNA
<213> Homo sapiens

<400> 24288
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cccactcgcc aggtcctacc acgatgcctg actcgtttgc ggctttggga ccggttgtag 120
gtggttgac cgtcactagt agacgtttct gagtgtgtcg cggtcacat ggggaggttc 180
cctgctcaag ctctcttctc ttgtctgctg ccatgtgaga cgtgcctttg accttctgcc 240
atgattgtga ggctcccca gccacgtgaa actgatgaca caacaggaag gctctcacia 300
gatgccaaca ccc 313

<210> 24289
<211> 167
<212> DNA

004229"02400

<213> Homo sapiens

<400> 24289

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<210> 24290

<211> 436

<212> DNA

<213> Homo sapiens

<400> 24290

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aggaagcaga	aatggtgggt	agattctcag	aggttttgat	gttcagtact	gacggacccat	120
gttctgtgat	tgtaagaaa	attgaaaaca	gtttgtatgg	agatagagtt	gattagcatt	180
tgagctctga	aagcagaact	ctagtaaaat	gatctcgacc	taacaaaggg	tctgttccat	240
tatatagact	attaccataa	tccctggatta	tttcaactgg	gttttggcct	ctccattata	300
tgagatcata	tgtatatagc	taagaagtct	gattaaagta	tgaaaagatt	ttaggaaaca	360
ctaagaagat	acagggatct	ttactgatac	ctaanaagat	tacrattgag	taattgctca	420
attgagtgtg	ggggca					436

<210> 24291

<211> 250

<212> DNA

<213> Homo sapiens

<400> 24291

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ggggggccat	aacaggaagg	acagagtgtt	tccagactcc	atactatcag	ccacttgtga	120
tgctggggaa	gttccctctac	acaagttccc	ctgggtgccac	gatctgcttc	acgagtctgg	180
gcatgtcctg	actcctctgt	gtaccccagt	gtgtccatct	tagcatgagg	cgttasattt	240
ccccagcatg						250

<210> 24292

<211> 307

<212> DNA

<213> Homo sapiens

<400> 24292

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aaaatcataa	taatatgtta	gtagcatttt	agcaaataa	aatcaaata	ttatgttggt	120
tgttagaaa	ctacttttag	aatgaagcag	tacattataa	ataattctag	ggatctgaca	180
gttacttgtg	tctagtagtg	cttttgttta	gatgcttgct	tttatgtgtg	gtaaaaataa	240
taatagaaaa	ataactcacc	atatagtcca	ccatgcagcc	gaatctcttg	tttgttttgc	300
ctgctag						307

<210> 24293

<211> 403

<212> DNA

<213> Homo sapiens

<400> 24293

taatgtagtt	atgtatcagc	ttttcctgtc	cttttaattt	cagtttttca	gactccttat	60
------------	------------	------------	------------	------------	------------	----

ctttaaggta aatgtttcat ataatcacia tgtaattggg ttttactatt ttagatatct 120
 gataattttt ggattgctaa aaaaattttg aaaattattc cattttcccc accctgctaa 180
 cttattcggt atgcattctg tattattcct gtacctgttc ccgtagagca gcggtcccca 240
 atcttttccg caccaggac cagttaaag gaagacaatt tttttcatgg atcgggggca 300
 ggggaatggg tttgggatga aactgttcca gctcagggtca tcaggcattg ttagattctc 360
 ataaagagcc tgcaacctag atccctggaa tgtgcagccc acg 403

<210> 24294

<211> 108

<212> DNA

<213> Homo sapiens

<400> 24294

tttttaaatt caacctgaca ttctctatta ttatactttt tgttttttat atgtctcctg 60
 gagattttgt ttttgttttt tgggtttttt tttttttttt tttttttt 108

<210> 24295

<211> 148

<212> DNA

<213> Homo sapiens

<400> 24295

gaagacgatt tcaacaaatg gacgtacttg agggcttgaa tgtcttggtg acaatatctg 60
 gcaaaaagga taagttacgt gtctactatt tgtcctgggt aagaaataaa atacttcaca 120
 atgatccaga agttgagaag aagcagga 148

<210> 24296

<211> 142

<212> DNA

<213> Homo sapiens

<400> 24296

aattgtgttc gcagccgccc ccgcgcgcgc gtcgctctcc aacgccagcg ccgcctctcg 60
 ctgcgcgagc tccagccgaa gagaaggggg gtaagtaagg aggtctctgt accatggctc 120
 gtacaaagca gactgcacct cg 142

<210> 24297

<211> 317

<212> DNA

<213> Homo sapiens

<400> 24297

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 caggatatcg agaccatcct ggctaacatg ttgaaacccc gtctctagta aaaatacaaa 180
 aaaatagccg ggtgtggtgg tgggcgcctg tagtcctagc tactcaggag gctgaggcag 240
 aagaatggtg tgaacccggg aggtggagct tgaagtgagc agagatcggc gccactgcac 300
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<210> 24298

<211> 466

<212> DNA

<213> Homo sapiens

<400> 24298
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tactgtagcc tcaccttcag aagcatatca tcagagatgt ttcaatagca tttgcttgta 120
ttttccttgc tctgaagggtg aggttagtac ctgtctcctt tgaggacca gagttcaagt 180
cgtctttcag ccagtccttt tctttgtatg tcaagtatca agtggccata caccaggatc 240
caccgatga atgtgggaag actgaggtat tgttaactgt tgttttctgt gttgataagg 300
ttgtctggga agaagtataa tatataccat tttcttgta ggtggagctg atgacccttt 360
cagtgtgtat tactgaactt ctgtgaacac tcacatgact catacatgtg agcattttta 420
atccttagaa aaaaggattg caaatttcagg atgcgttctt agtggt 466

<210> 24299
<211> 261
<212> DNA
<213> Homo sapiens

<400> 24299
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gccacacca agactaggag gtggttctta ctatttccat tttacagagg acaaaactgg 120
agcacggaga tacgtggctt acagtcacat agcatgagg cagagctggc actataacct 180
agtctctgac ccttaacctc tctaagcttt tcacctgcgc cttatcatgc agaaatagag 240
gttcaaaaag atgaggctat a 261

<210> 24300
<211> 211
<212> DNA
<213> Homo sapiens

<400> 24300
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tggtctcagg aacgacggaa acccctcaag gcttttgggg gcgacttcaa tccaacagga 120
cccactsgag ccatccacac tttccccagc stcctccaaa acagcacact ttccggctga 180
agaaaagaag aatggtattc atgcagtacc c 211

<210> 24301
<211> 377
<212> DNA
<213> Homo sapiens

<400> 24301
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tctgcacctt atcccttagc acccaaacat ttaatttcac tgggtgggagg yagaccttga 120
agacaatgaa gagaatgccg atactcagac tgagctgga ccggcaagct ggctgtgtac 180
aggaaaattg gaagcacaca gtggactgtg cctcctaaag atgcctttcc caaccctcca 240
ttcatgggat gcaggtcttt ctgagctcaa gggtgaaaaga tgaatacaat aacaacctg 300
aaccacctc acggaagctt tttttgcact ttgaacagaa gtcattgcag ttgggggtgtt 360
ttgtccaggg aaacagt 377

<210> 24302
<211> 374
<212> DNA
<213> Homo sapiens

<400> 24302
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atgaggaagt	gagtactgaa	tggttctatg	atttaaggta	aagcagcagt	tgtagtaagt	120
gtatTTTtaca	aatacacatg	taaatagagg	tttacctgga	aatatgtacg	ttctaaaagg	180
tcaatTTTTt	aatTTTtatt	TTTTgtcgg	tatcctggcc	aagtgtcttc	agaactcatc	240
caagttacga	gacgaaataa	actaaaatca	cctcattaat	TTTTttccct	tagttacaac	300
caaatgaatt	tatgtaattct	ctgaatgaac	tacatcccta	ttccagccgc	tgatgaatat	360
gttctcccagc	acca					374

<210> 24303
 <211> 411
 <212> DNA
 <213> Homo sapiens

<400> 24303	
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agcccatgat	ttcacatgta
cagtaattca	tagaaagtga
tagtcatctt	gcttagacac
cttagttctc	aaatctagcc
tgctaaatat	agtaccttct
120	
cagacccata	taagggtgtca
taaaaaaaga	aaaaataaag
gtcaaagttt	ccccaccac
180	
aaatTTTgggt	ataaaaaacag
caaagcaggg	TTTTtctgaa
cttgaatcag	taaatTTTta
240	
atttaaatag	tatcctgttt
tgacaaagtg	ctarrccaca
gaggtctgag	aaagacactc
300	
ttaagccttt	gtcaatacca
gctggcatct	ctcaacagga
aaccttgat	gactTTTgtt
360	
gtcattTTTgt	gatgcactga
caaggaatgc	gtgcccttat
ttgttgcatc	a
411	

<210> 24304
 <211> 147
 <212> DNA
 <213> Homo sapiens

<400> 24304	
tttcaaaatg	catttatart
ctattaactt	ctacacctgt
ttagtgaaca	caacaaagac
60	
ctggTTTgggc	caggccacca
tcattctctca	cctgaatgac
tgtagtagtc	tcctgattct
120	
ctTTTgttccc	accctaggcc
cccaata	
147	

<210> 24305
 <211> 86
 <212> DNA
 <213> Homo sapiens

<400> 24305	
attccccTTTt	tcattctTTTt
tgcgggcatt	ggatgatatcc
tggaagaaat	tatccgacag
60	
atgaaagtgt	tccaccccaa
catcat	
86	

<210> 24306
 <211> 104
 <212> DNA
 <213> Homo sapiens

<400> 24306	
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bgacggggga	gacggagccc
caggagtgtt	gawgcctgga
60	
aatccccctcc	ccttccccct
cccccttta	cagtatcccc
caac	
104	

<210> 24307
 <211> 237
 <212> DNA
 <213> Homo sapiens

<400> 24307
 cacataaacc aagctagttt ctcaaattag caacagaaac cagatgaaac tcctcaaattg 60
 agtggtgcaa aataaggagc tggactata gttttatttg gggagaaatt gttaagtttg 120
 ggttaactgc tcagcctatg cctgatacta cccttccatc tatggtatca gctgtggcac 180
 ctgacactcc aatgtatcag ctgatgggtt tggtttacia taaattaact aagcaag 237

<210> 24308
 <211> 282
 <212> DNA
 <213> Homo sapiens

<400> 24308
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 cggctcctgg agggagagag tgaagggaca cgggaagaat caaagtcgag catgaaagtg 120
 tctgcaactc caaagatcaa ggccataacc caggagacca tcaacggaag attagttctt 180
 tgtcaagtga atgaaatcca aaagcacgca tgagaccaat gaaagtttcc gcctgttgta 240
 aaatctattt tcccccaagg aaagtccttg cacagacgcc cg 282

<210> 24309
 <211> 196
 <212> DNA
 <213> Homo sapiens

<400> 24309
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 agccagtttg gaaggaggag gcctctttcg agctacctgg attgctaatt cagggaagtc 120
 cagagaaata cattcttttc cttatagtta tgcacaggtc cctgggtggg ctggataaat 180
 ttttagggaa ggtggc 196

<210> 24310
 <211> 149
 <212> DNA
 <213> Homo sapiens

<400> 24310
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 tctcagctca ctgtaagctc cgctcccg 149

<210> 24311
 <211> 201
 <212> DNA
 <213> Homo sapiens

<400> 24311
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 ataaatctga gattaattgt tcttttggct ttcacttaaa ctccatggag tttaactggg 180
 aaaaaaatat gccacaaaa g 201

<210> 24312
 <211> 148
 <212> DNA
 <213> Homo sapiens

<400> 24312

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 gactcccgga cccccaaggg ctcccttgcg aagttcctgg agcacctctc cggggccggc 120
 aaggccatcg gcgtgctgac cagcgctcg 148

<210> 24313

<211> 447

<212> DNA

<213> Homo sapiens

<400> 24313

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 ctgcaatagg caagttggag acccaagacc aaaagcaaca ggagactgat gttccagttt 180
 gaaaacagac agagaaggag aattttttct gctgcagcct tttattttat taggccttct 240
 caacagattt gatgaagcct gccacacta atgagggcaa tctgctttac tcagtccacc 300
 aattcaaagc tcagtatcat ctagaataac cctcacagat acaccaagaw ataattttc 360
 accaaatatac tgggcactcg tagccagtc aagtggacac ataaratata ccatcactct 420
 cactaaacat tgctaactca tcaacta 447

<210> 24314

<211> 390

<212> DNA

<213> Homo sapiens

<400> 24314

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 cctcctgggg atctcttggt gggctttata attcttgctt tagaaaagct aacatgcaaa 180
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 attcctcaag atgaaaaaat taaaaactgg tttaagatct tgtgtatca agattttgtt 300
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 agtataatcc ctaattaagc taccaccctg 390

<210> 24315

<211> 458

<212> DNA

<213> Homo sapiens

<400> 24315

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 acctggcctt ttttctctt ttaaatgtca cttttggccc caatgttcat tacagtgtta 240
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 aaaatgtgg atgtacatac aataggatat agtggtcatc ctttaagaga aatgatgttc 360
 caatacatgc tacaacatgg acgatccttg agaacatgct agctgaaata agccactcac 420
 aaagagacag tgtatgattc tacttatatg aatatcta 458

<210> 24316

<211> 142

<212> DNA

<213> Homo sapiens

<400> 24316
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tatgttttct atagagatgg aatctcacta tgttgcccaa gctgatctca aacttctggg 120
gtcaagtcac gctcccacca cg 142

<210> 24317
<211> 96
<212> DNA
<213> Homo sapiens

<400> 24317
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gagattttgt ttttgttttt tggttttktt tttttt 96

<210> 24318
<211> 165
<212> DNA
<213> Homo sapiens

<400> 24318
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ccaacagtat acaagggttc ccttttctcc acatcctcgc cagca 165

<210> 24319
<211> 220
<212> DNA
<213> Homo sapiens

<400> 24319
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ttcaagaaaa atagattaat gtctgtgatg ttgtattatg aggcttcctt ttgaagacaa 120
ctaaaataga acttttctta cctgcctctt ctgggaccag acactctgga taagtgaaaa 180
tcattgctca agctctctgc ctccatatcc ttggccccag 220

<210> 24320
<211> 462
<212> DNA
<213> Homo sapiens

<400> 24320
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taagggtccc actactcccc tattgtgtcc cacacaacga ggctgagggt casrtaccat 180
ttatcatcac acttgggcta ttcttctttt acccctccct tttcaatcaa tgatattact 240
caccagact cctgagtttg tgaccctttt ttcagtttaa tttagcaaat aattgttgga 300
gtggttgccct attgtatgcc ctgctgtgaa ggagaggcaa aggttactca aggatcttat 360
ttatgatcta gttagttgtg agtgttggtg tttttaata gacacagggt cttgctaggt 420
ttgttgcca ggttggtcct gaactcttgg cctcaagcaa tc 462

<210> 24321
<211> 420
<212> DNA

<213> Homo sapiens

<400> 24321

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agatgatggt	gtgtggtaat	catttatcta	catagtcac	catctatccc	ttcaataaac	120
attcatggag	acttggtatg	gtatttaata	ttttgggaat	tcaaattattg	tgaagacatt	180
ctataaggta	atttatattt	accatgtata	atgttagaaa	cattgtgctt	tggaattcag	240
gggaaggaga	gcattttcct	tgattgarat	aggctcacag	gctgggcact	gtggctcatg	300
cctgtaatcc	aagcattttg	ggaggctcag	caggcagggt	gcttgagccc	aggcatctag	360
taaaggactg	ggcagtgtgg	tgttttggga	agcgtatggg	atatgttatg	aggtcagagt	420

<210> 24322

<211> 100

<212> DNA

<213> Homo sapiens

<400> 24322

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<210> 24323

<211> 459

<212> DNA

<213> Homo sapiens

<400> 24323

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caaattcttg	ttgtggcacc	aaaatagtag	gagttattat	attctttact	gctctgcaca	120
tgaatacatg	tctttttact	attctaggta	ttaaaactgg	aagtgtacgt	aaagcacttc	180
tgtgtgtgat	tctggtcctt	gcgaacttga	actattttct	gtcctgtgag	agctctgcaa	240
atTTTTgtgc	aactgctttt	ttatatTTTc	ccctcagtag	tgagattcta	ccccatgtgc	300
acacataaca	gtattttaatt	aaaaaaattt	tttttgagac	agagtcttgc	tctgttgccc	360
aggctggagt	tcattgggtg	gatctcggct	tattgcaacc	tttgctctg	gggttcaagc	420
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<210> 24324

<211> 280

<212> DNA

<213> Homo sapiens

<400> 24324

catttaaaaa	attaacttct	tccttctttt	caatgttcac	ccctttttat	tactccctta	60
aattctwact	tgwggtttct	tttcttttaa	ggaattactc	aaacatttat	gtgtcccact	120
cctgtgactt	tggttagaaa	tgacactggg	ccagggttcta	ctggtggtgg	gaggagagct	180
tgctgatggg	ttagggattt	ctaattcagc	ttcttgctgc	cattgcaata	cccagctggg	240
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<210> 24325

<211> 183

<212> DNA

<213> Homo sapiens

<400> 24325

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gtttatgaat tttgtgcact tcttttgtgt gttttgaata ttttagattgt tagaaacata 120
 gagtatatta aaggccctga ttttgcctg tcatataaga gaaaaaattc aaagaggtga 180
 aag 183

<210> 24326
 <211> 423
 <212> DNA
 <213> Homo sapiens

<400> 24326
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 tggaaagatt tcattatata caacacattg ggaagaaacc tctagagtgt tatcttagta 180
 ttggaattaa attagccttt gattggccgg gtgtggtggc tcatgcctgt natcctagaa 240
 ctttgggagg tcaaggcgag tggatcacct gagggcagga gtycgagacc agcctggcca 300
 acatggtgaa accctgtctc tactaaaagt acaaaaatta gctgggcgtg atggtgagtg 360
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 tga 423

<210> 24327
 <211> 256
 <212> DNA
 <213> Homo sapiens

<400> 24327
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 ggtgtgaacc caggaggcag agcttgcagt gagccaagat cgcgccactg cactccagcc 180
 tgggtgacag agcaagactc cgtctcaaaa aaaaaagaaa mcwtgtttta catcactaat 240
 gatcagggag atgcaa 256

<210> 24328
 <211> 183
 <212> DNA
 <213> Homo sapiens

<400> 24328
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 catcttcccc cacttactgg gtttccataa tgccattctc ttgggctgtt agataaaatn 120
 attaacaacc catccctcca tcatcatcaa agcaatttat ttgcacaaac tccactgtca 180
 cct 183

<210> 24329
 <211> 163
 <212> DNA
 <213> Homo sapiens

<400> 24329
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 gaactcctga cctcaggtga tccacctgcc tcagcctccc aaagtgctgg gattacaggg 120
 cgtggascac cgtgcccggc cttgagccac catgcccagc cct 163

<210> 24330
 <211> 419

<212> DNA
<213> Homo sapiens

<400> 24330
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gatgaagatg atctgtttka aaatgtgagg cgattatatt aagtaattat cttaccaarc 120
ccaagactg gttttaaagt tacctgaagc tcttaacttc ctcccctctg aatttagttt 180
ggggaagggtg ttttttagtac aagacatcaa agtgaagtaa agcccaagtg ttcttttagct 240
ttttataata ctgtctaaat agtgaccatc tcatgggcat tgttttcttc tctgctttgt 300
ctgtgtwttg agtctgcttk cttttgtctt taaaacctga tttttaagtk cttctgaact 360
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<210> 24331
<211> 241
<212> DNA
<213> Homo sapiens

<400> 24331
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cccatagaca tttcccagga tgtttcagaa aactggcatg acttgtaaca accagtgata 120
attaattact aaacactact gctcactgaa aagttgtaag ttttggggaa gagaaatttt 180
ctttctccag caagtctcct tctctgaata cgacagtkat caaacccatc acaccctag 240
c 241

<210> 24332
<211> 181
<212> DNA
<213> Homo sapiens

<400> 24332
tttaacaaca cagaaacatt actgatttga aggaatctac ttagggcaag tbgaaagtaa 60
aaactggaaa tactgatacc tggaatcaaa ggtaaggtc aacaggagct ccttggaag 120
aagtgattac aaatcagtc tcatataaaa tatcgccgtt ttatgtgtgt tcatgaccct 180
t 181

<210> 24333
<211> 71
<212> DNA
<213> Homo sapiens

<400> 24333
ttattcbtca tcttaggggt aaagcatcta tctttcacct ttaagtatga tactagccat 60
ggttgtgttt t 71

<210> 24334
<211> 222
<212> DNA
<213> Homo sapiens

<400> 24334
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ttatcggccg gatgaagaaa tttggaagga ttgccatctg tggagccatc tctacatata 120
acagaaccgg ccacttccc ccaggtaatg agcacatgca cagcatccca tatgtcacia 180
ggctggacaa ggagaaaatt cacagatatg ccataggcca at 222

SECRET

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<210> 24336
<211> 433
<212> DNA
<213> Homo sapiens
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<210> 24337
<211> 282
<212> DNA
<213> Homo sapiens
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<211> 396
<212> DNA
<213> Homo sapiens
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<210> 24339

<211> 289

<212> DNA

<213> Homo sapiens

<400> 24339

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acagtcgccc	gccaccgcgc	ctggctaatt	ttttgtattt	ttagtagaga	tgggggttca	180
ccgtgttagc	taagatggtc	ttgatctcct	gacctcatga	tccaccact	cacctccca	240
tccatccatc	catccatcca	tccatccatc	catcctttca	gccacaccc		289

<210> 24340

<211> 330

<212> DNA

<213> Homo sapiens

<400> 24340

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gtgstggctc	acacctgtaa	tcccagaact	ttgggaggcc	aaagcagttc	tcctggatca	120
cctgaggtca	ggagtttgag	accagtctgg	ccaatatggc	gaaacctctt	ctctactaaa	180
aataataaaa	ttttctgggt	gtggtggtgt	gcacctataa	tcccagctac	tcgggaggct	240
gaggtaggag	aatcgtttga	acctgggagg	cagagcttgc	agtaagccga	gatcatgcca	300
ctgcattcca	gccagggaga	cagagcgaga				330

<210> 24341

<211> 154

<212> DNA

<213> Homo sapiens

<400> 24341

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aggccctcag	ggtacaaaga	acctgcctag	cctctgacca	agtatatata	acggttaata	120
ataatgacca	ttgtaataat	attaacacga	ctag			154

<210> 24342

<211> 259

<212> DNA

<213> Homo sapiens

<400> 24342

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ctagacttct	atgtgagaag	tgctggaaaa	tgatttagga	cgtgtaaagt	tagatggaaa	120
gactgtaaat	gtttaatatg	aatatagtgt	tcttttgaag	taaggccagc	tgttgaacgg	180
ttaaactgtg	cattttctcat	tttgatgtgt	catgtatggt	aatgtatgan	atgattaaat	240
aaaatcaaaa	ctggtacct					259

<210> 24343

<211> 67

<212> DNA

<213> Homo sapiens

<400> 24343

taaatctagc	ttgagtctct	cctttaaaaa	gcctttgcta	ttttaatctt	atttggtaca	60
ctttttt						67

<210> 24344
 <211> 416
 <212> DNA
 <213> Homo sapiens

<400> 24344
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 ttttagcaca gctgaggcag aggacttgcg tacaggagga aagccatgat gagcacaggg 120
 ccctggcaga tggaggatgg gtctttggaa agctgggtca tggcccaaca aatgtcaggg 180
 cacatgcgtc cagtcatagt aagtagactt tttctagaaa attctgtcca atggtagaac 240
 ataagtccctg tgaataagaa acaaaagcac caccacgggtg actacgggtgc aaggatcaga 300
 gatggcgctg tctcctttta aagttacaga tggcgctgg cctcgkrncc cttcagggca 360
 gcgtttaacg gcagccctct cttagagcaa acaaagagtc ttcctttgca tacaat 416

<210> 24345
 <211> 258
 <212> DNA
 <213> Homo sapiens

<400> 24345
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 actaatctgt gggagcagtt tattccagta tcaccagggg tgcagccaca ccaggactgt 120
 gttgaagggg gttttttttc ttttaaagt aatacctcct catcttttct tcttacacag 180
 tgtctggctt ggggcttgga tgttgactg cccactgcc tgtcccttct ggtaaaataa 240
 agaactctta atgccctt 258

<210> 24346
 <211> 439
 <212> DNA
 <213> Homo sapiens

<400> 24346
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 gtcattctccg attttctttc agcagtgttt tgtaattctc cttgtagtga tcttttacgt 120
 ccttgattag ctatattcct agatatttta tttttgtggc tattgtaaat tggagtgtgt 180
 ycttgttttg gctcttaggt taaatgtcac tgctgacttt tgtacattga ttttgtaccc 240
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 ttttaggtat agaatcatgt agtccatgaa gagagagagc tcatcttctt ttcctatttg 360
 gatggctttt atttcttgc gtwgctgat tgctctggct aggacttcca gtactacatt 420
 gaatagaagt gctaagaga 439

<210> 24347
 <211> 137
 <212> DNA
 <213> Homo sapiens

<400> 24347
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 gtgcagagag agaacggggg ttgagtcttt ttgaagacta tatgtgaaga ggtggagaaa 120
 gaaagtagtg agcaggt 137

<210> 24348
 <211> 123

<212> DNA
<213> Homo sapiens

<400> 24348
aaagaggggc gcccgacagg gacctcacia gcccacaagc aggggcaaca ggtgttttgg 60
agattagaga ccctagcctt gttcctcagg ctctcttaa agaactctgac ccctgagggt 120
gct 123

<210> 24349
<211> 138
<212> DNA
<213> Homo sapiens

<400> 24349
ccagatgtgt gcaattaagt tgatactgca tgagatccca atcagcagca tgtgggcttc 60
acgcctgctc attaatgttt ctctttgctt tctacaactt gatgtctgga agtcactttc 120
tggaacacct gacccggc 138

<210> 24350
<211> 361
<212> DNA
<213> Homo sapiens

<400> 24350
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agatcactgc tggagggaaa agcatgatgg gctctcgggt tttgagaact ggcaagttgt 120
tggaggcagc tggagcgggg cctgggtgcg cggcactggc tgtctttgcg tttgggctgt 180
gccagtcact cctcttccag gttccagcct gaactgtctg cccctgatct gcggcgattt 240
atcgatggc caaacccggc tgtggccctg ctcccgagc tacgggaggt cgtctcctct 300
atcagctaca tcgctcgaca gctgcaggaa caggaggacc acgatgcgct gaaggaggac 360
g 361

<210> 24351
<211> 242
<212> DNA
<213> Homo sapiens

<400> 24351
gaagttacta tattgcataa tgcggctatg aagagttggt tttaggcttt gtcagggtgg 60
gcctatcttg gttttgcctt tttcctagg acataggctt tagtcctggg gagtaatcat 120
tactccttct gtagtctcag tagaaagctt taggtgttct ccagagtcct ctaacttggg 180
gagaactaaa ccctaagcac catctgctca acacaagaca acaccttttt agccttccag 240
cc 242

<210> 24352
<211> 173
<212> DNA
<213> Homo sapiens

<400> 24352
acaaaaatta gccggacacg gtggcacgtg cctgtaatcc cagctacttg ggaggctgag 60
acagcagaat cgcttgaacc caggaggcgg aggttgcaat aagccgagat catgccgctg 120
cattccagtc tgggtgacaa agcaagactc tggtcaggaa aaaaaaaca act 173

<210> 24353

<211> 211

<212> DNA

<213> Homo sapiens

<400> 24353

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atgcatgtgc	agaatacgca	ggtttggttac	ataggtatac	gtgtgccatg	gtgggttgct	120
gcccctatta	acccgtcatc	taggttttaa	gcccagcgtg	aatbagatat	ttctccta	180
gctcctcctc	cccttgctcc	ccacccccca	a			211

<210> 24354

<211> 427

<212> DNA

<213> Homo sapiens

<400> 24354

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caaacaatct	gcttgcttgc	tgggattagg	agccttgaaa	ccatggagtg	ttacatatta	120
tatatgtatc	aattaactgc	aaacattatt	tattttgatg	tttgagcttt	ccagcaagag	180
ctccttttaa	ctggctcctg	tgaaccgtaa	aaaaagtttt	aaattgtgct	aaaatacaca	240
taacataaaa	gttaccatct	taaccattat	ttgcaaccaa	ttattgtaaa	ttgacaattt	300
ataattgtat	aagtttatgg	gtcacaaagt	gatgtcataa	tttttgggta	caatgtggta	360
taacaaagtc	aagctagtka	atgtaaccat	gacttcaaat	acttaacatt	tttgtgatga	420
gaaccgc						427

<210> 24355

<211> 256

<212> DNA

<213> Homo sapiens

<400> 24355

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tccaagcaat	aagccatatt	tgaaaggcat	tatagttttt	gaaagctgta	gcgcaatcat	120
tcttaaggcc	agttaccttc	tccccacatc	tctgggatcc	tgtttgaagg	gagtnctaac	180
aaggcctgtg	ttcgagcagc	ccagcatccc	ttactcctgg	agcgggggga	gactaacccc	240
tctcctgtgc	ccacat					256

<210> 24356

<211> 444

<212> DNA

<213> Homo sapiens

<400> 24356

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cactggcccc	ttcttccttc	tctgaggctc	aggcctcagt	gtctttccgg	tctccctaca	180
cactcccatg	aagaccctct	ccgcattctg	acttcggtgc	caccctttat	gccggagact	240
cccagatctc	atttcgggat	ctgcctcctt	aacttatagg	tctggatact	tctgttttgg	300
tttttcacct	tcatgctaaa	cgcagtttgt	ctaaatcgga	agtcaacttc	cattctctgc	360
cgcycctccc	tctgacceca	tgttgatca	ttccgcta	cacagggacc	caaaagcttc	420
gagtcacttt	tggctcatct	cgtc				444

<210> 24357

<211> 372
 <212> DNA
 <213> Homo sapiens

<400> 24357
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 aacagcgctt gatgcccctc ctgacccgac tgtggaccaa gttgatgaca cctcaattgt 120
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 agtagaagggt agcagcacag aactcaacct tcctgaaact gcaaactccg tcaccctcag 240
 tgacttgcaa cctgggtgttc agtataacat cactatctat gctgtggaag aaaatcaaga 300
 aagtacacct gttgtcattc ttgggttttct tcctttgaac aaacatcttc aatatcttta 360
 tgacagtctt ta 372

<210> 24358
 <211> 169
 <212> DNA
 <213> Homo sapiens

<400> 24358
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 gaatctaaag ggtgtgggtc attcacagtg cctgacatat aggaaggagg aagggtctca 120
 taaatagcca ccgttattat ttctatgatt atgtgtccac caccaccaa 169

<210> 24359
 <211> 166
 <212> DNA
 <213> Homo sapiens

<400> 24359
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 caaactctca gtaaagtgtg gtcattcatta tttcctact gttaaagaaa aaattattca 120
 atggtacttg ttaaagcatg ataaggaaaa ttttattcag gactgg 166

<210> 24360
 <211> 316
 <212> DNA
 <213> Homo sapiens

<400> 24360
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 cccggctatt tatttacttt ttgagacaga gtcttgctct gtcgccaggc tggagtgcag 180
 tggcatgatc tcggctcact acaacctcca cctcctgggt tcaagtgatt ctctgcctc 240
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 tttagtagag accgcg 316

<210> 24361
 <211> 209
 <212> DNA
 <213> Homo sapiens

<400> 24361
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tgcgaaatgct ggccgcttcc tgtgggcttc gtgtcaccca gaggtgagcc caggccagga 180
tgggggactc cagggacctt tgccctctg 209

<210> 24362

<211> 374

<212> DNA

<213> Homo sapiens

<400> 24362

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gtaacacttt ttttggcatc tgctagttag atatgagtgt acatctatgt ctgctttatg 120
tccttggttac tgaagatcct gtcacatca ctgagatcct ttagagatac cataaatggg 180
tccagaccca gcaatttggg ttaatactat tttccttcat tgtgaaataa gaattagggc 240
aggaagttaa gaaggaggct ttagcttggg gtcagaggaa tatatggtaa aaatgggtata 300
ctgttagtca ttactcttca tcacctgaac gattaatctt actaggcccc ccagagggtca 360
ggagaagtga aagt 374

<210> 24363

<211> 170

<212> DNA

<213> Homo sapiens

<400> 24363

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ttcaccatgt tggtcaggct ggtcttaaac tcctgacctc atgattcgcc cgcctcggcc 120
tcccaaagtg ctgggattac aggcgtgagc waccgcgtcc cgccaagaag 170

<210> 24364

<211> 285

<212> DNA

<213> Homo sapiens

<400> 24364

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gaattaacaa ttcttttccc tgtgcttctt atgtaagaat cctcctgtgg cctctgcttg 120
tacagaactg ggaaacaaca cttgggttagt ctcttttaag ttacaaaaag ccaattgatg 180
tttcttattc tttttaaaatt ttaaataatt tgttataaat actcacagga taccttattt 240
ccctagctat catctcctga cttaatgttt tttaaaccce ccgct 285

<210> 24365

<211> 234

<212> DNA

<213> Homo sapiens

<400> 24365

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caggagatcg agaccatcct ggctaacaca gtgadwcccc gtctctacta aaaatacaaa 180
aaattagctg ggcgcggtgg cgggcgcctg tagtcccagc tactcgggag gcgt 234

<210> 24366

<211> 376

<212> DNA

<213> Homo sapiens

<400> 24366

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atagccttga	gcggatagaa	ctctatgact	gccagcaaat	cacacgggct	ggaatcaaga	180
gactcaggac	ccatttacc	aatattaaag	tccacgccta	cttcgcacct	gtcactccac	240
ccccatcagt	agggggcagc	agacagcgct	tctgcagatg	ctgcatcctc	ctatgacaat	300
ggaggtggtc	aaccttggcg	aactgagtat	ttaatgacac	ttctagagct	accgtggagt	360
ctctccagt	gaagca					376

<210> 24367

<211> 378

<212> DNA

<213> Homo sapiens

<400> 24367

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catctaactg	cactcttgtc	ttctcacaac	acataggacc	cactgctgca	cagaaggaac	120
ttgaattctr	atcagccaat	gttttatttg	tgggacatcc	catcaaattt	tttaaaaaag	180
atcttattga	acagaagagg	gaaatggaat	ttgaggatga	cttgacattg	tgagattaaa	240
tgggggtggc	cgaagtttga	ccaggacttt	tccctgctct	gctggagaga	ctgtctctcc	300
tcttggtgcc	cttcttggag	gagcattttc	agcctgctgc	ctaaacagct	gttgatggat	360
agctttctcc	ctgcagcg					378

<210> 24368

<211> 172

<212> DNA

<213> Homo sapiens

<400> 24368

actgacttga	gtstggcaaa	aagttaacaa	aaaaggagaa	aaaatgaaca	atcgtttgtg	60
gtttcttggg	aaaacttttc	ataccaggtg	atactattca	aaaaccccg	tgtctccctg	120
caagtgtgta	tttgaaatgc	agaagccaca	gtaaaaaaaa	aaaaaaaaaa	aa	172

<210> 24369

<211> 212

<212> DNA

<213> Homo sapiens

<400> 24369

aaaatgcaaa	aaattggccg	ggcgcggtgg	cgggcgcvtg	tkgtcccggc	tactctggag	60
gctggggcag	gaggttggcg	tgggcccggg	aggcggagtt	tgagtgagc	cgagatagag	120
ccactgccct	ccggcctggt	agaaggagck	agattccgtc	tcaaaaaaaaa	taaaaataaa	180
aataaaaaaa	taaaaaaaat	aaagtggtcg	ag			212

<210> 24370

<211> 196

<212> DNA

<213> Homo sapiens

<400> 24370

gataatgcta	cttggcccca	aacgctggac	agagcatgct	ttttcctggt	tggctgggaa	60
aggggaaggct	gaactgctga	gtctgacact	taacaggact	tcggcattcc	cctgaataca	120
gactagatca	gagattttat	ttttttaatt	gaaaagtaac	ttgggttctc	tttagaaacc	180

cttattttggt gcgcgc 196

<210> 24371
<211> 223
<212> DNA
<213> Homo sapiens

<400> 24371
catttgcaact gggtggagtt gtggagacgg ccttgagtct cagtacgagt gtgcgtgagt 60
gtgagccacc ttggcaagtg cctgtgcagg gcccgccgc cctccatctg gcccggtga 120
ctgggcgcg gctgtgtgcc cgaggcctca ccctgccctc gcctagtctg gaagctccga 180
ccgacatcac ggagcagcct tcaagcattc cattacgccc ccc 223

<210> 24372
<211> 162
<212> DNA
<213> Homo sapiens

<400> 24372
ggacattcct tttttaaaac atggagccaa ggccctgtgac ctgaggcccc tgtgtccctg 60
caagtctcct tcttggtctt gtgtatgagc acagcctaag ctcaactttag tgccaaggag 120
gctgggggacc tgtctacact ctctgatgtt ggtggcatca ta 162

<210> 24373
<211> 374
<212> DNA
<213> Homo sapiens

<400> 24373
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cgtggacctc agcggaacg acttcaaggg cggctacttc cctgagaatg tcaaggccat 120
gaccagcctg cggtagctga agctgaaccg cactggcctg ctacctgccg gaggagctgg 180
ccgccctgca gaagctggaa cackkgtctg tgagccacaa caacctgacc acgcttcatg 240
gggagctgtc cagcctgcca tcgctgcgcg ccctcgtggc ccgagccaac agtctgaaga 300
attccggagt ccccgatgac atcttcaagc tagatgatct ctcagtcctg gacttgagcn 360
acaaccagct gaca 374

<210> 24374
<211> 325
<212> DNA
<213> Homo sapiens

<400> 24374
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gggtgcctcg tgaccctcg tacgttggtt tatactctgt gggatatttcg gtcggatcgc 120
atcctggacg tgggatttca gggatgaggt tgtttgccctc ttgggcgtct ttttccacat 180
ttctgtcttc ccttgctttc ttgccggact gtgtgtcagc cccattccag tatgccgtgg 240
accggtgaac gcgagancct agtgccttac agctgtgtcc agaggagggg cagggtctctg 300
tkgacgcgag angcttttca tgtgt 325

<210> 24375
<211> 189
<212> DNA
<213> Homo sapiens

<400> 24375
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 ttctggctta catccacctt gtccctatgc agcagckttt ttatgagaat tacgagcaga 120
 acaaaaagggt gtacattaga gatctccata acagtaaaat tcaccaagct atcacattac 180
 accccagaa 189

<210> 24376
 <211> 248
 <212> DNA
 <213> Homo sapiens

<400> 24376
 tagacagttc atccatggaa aagcagggaa gacagagaca tggacacaga agtggataaa 60
 tgggtatatc caagtgggag cttggatggt gtcttctgat tgctttgttt tctccatgaa 120
 ctgaagaacc aaggtcaaca gtggaagata aggatagaga gggagacact agagggcgtg 180
 atatagttat ccaagagagt gagtgaacca gggggatgaa tgtcatgtga ttgacaagcg 240
 gcggcnrr 248

<210> 24377
 <211> 313
 <212> DNA
 <213> Homo sapiens

<400> 24377
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 gttactgctg aatctggcct ggatgtcttg agctgggtcca aaatacagtt tttctttgaa 120
 attttttggg tagctaactc cttgatcagt ccaggagccc cttgggtata aataacctca 180
 gggctctgtc tggaacttcc tttgggccat tctagatctc acaggctcta gtaattagac 240
 agatgtagac ctggagaagg ggcattgattc atggctataa tctgcccctc tctacagtcc 300
 ctaaattgtgc cta 313

<210> 24378
 <211> 382
 <212> DNA
 <213> Homo sapiens

<400> 24378
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 agattttgac tattacaaat aatgttgctg caaacattct agtataakct tttggtgagc 120
 ctgtgtgtgc attcctgttg ggtatattcc taggaatcaa attgctaagc catagagtgt 180
 tgggtggggag gcaaaacttt acctctcccc tcttagggtc tccagctggg cctgagaatg 240
 aaattgactt aagactgatt aacatgtgaa aagcagacag attttttttt ttttwagakg 300
 tacatrggmc cccatrggaa awttaaamcc caaagawttg gcaacactta agtgcttattc 360
 tmctggggtt aacagmcaga ta 382

<210> 24379
 <211> 236
 <212> DNA
 <213> Homo sapiens

<400> 24379
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 gggtttctaa agcaggttcc cccactcatc taggttgtct tgaaaggagg atagagccac 120

ttacagtttt atttgcttca gtgtttaatg tagatattat gtggcctgct gtttctgttg 180
tcttgatgt ctgtgatgc atgacatttg gtccctttct ttgaaatgca gcccc 236

<210> 24380
<211> 162
<212> DNA
<213> Homo sapiens

<400> 24380
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ttggcaaagt ctgaataggt caacctgcag gcgtaactat ttttgacctm stcagttttt 120
aaacaatgtg catttgaagg agttaattam magagagccc ct 162

<210> 24381
<211> 317
<212> DNA
<213> Homo sapiens

<400> 24381
tttcccctga ttacataatt attgtaagaa attagaaaaa ctttagtaaa tgtgtaaaag 60
aagagactga aaaaggagaa aaatcacctg taatcctacc aaaggtaata actaatgcca 120
agcaaactgc acataatatg ttgtaacctt tcattttcac ttgacgtact gagaactttc 180
catttttagta aaaattacag catgatttat actggctgta taatattctc ttttttttc 240
tttttttgag atggagtctc gctctgttgc ccaggctgga atgcagtggc gccatctcgg 300
ctcactgcac cctccct 317

<210> 24382
<211> 216
<212> DNA
<213> Homo sapiens

<400> 24382
tgagaggctt gctggggttt aaatactact ggttgatggt acttagagat tcttctcagt 60
aattgctgtt atcatgttgc atgttgcca tcagagttct aattgttaca catacaacag 120
aagaggaatg gatgttgag aaatgaagta atacagaata gagagtcacc atgccctccg 180
gagagaaatt aatacttgct taattcagag gaagcg 216

<210> 24383
<211> 480
<212> DNA
<213> Homo sapiens

<400> 24383
acatatattk tatcacttat ggagctcctt tttcctggga actgttctag gagttttata 60
cattttatct catttaattc tcacgtcaac cctatgacgt aggcattgtc aatttcacca 120
attttagggg acagagcagc tgagggtcag caagggttaag taactggctt aaggccatga 180
aggtaatcag tcatctgcag aagcaagatt ttgactcagt tctgtctgat gctactgtcg 240
ttatccataa gcgatgtatg tatattttag ttagaaaact ggaatgtttg gccgggcgcg 300
gtggctcacg ccggtaatcc cagcactttg ggaggccgag gcgggcgat cagaggtca 360
ggagatcgag accatcctgg ctaackbggt gaaacccatc tctactaaaa atacaaaaaa 420
ttagctgggc gaggtggtgg gcgcctgtag tccagctacg cggaaggctg gggggatcac 480

<210> 24384
<211> 200

<212> DNA

<213> Homo sapiens

<400> 24384

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aattagccag	gcgtgggtggc	tcatgcctgt	aatcctagct	gcttggggagg	ctgaggcagg	120
ataatcactt	gaacttggga	ggcggagggtt	gtagtgagct	gagatcgcg	cactgcattc	180
cagcctgggc	gacacagtga					200

<210> 24385

<211> 156

<212> DNA

<213> Homo sapiens

<400> 24385

tattttttta	cttttatttt	aggttcaagg	gtacatgtga	aggtctatta	cataggtaaa	60
tttgtgtcat	gggggttcct	tgtactaatt	acttcatcac	ccagggtatta	agcccagtac	120
ttaaaattag	cttctctact	cctctcccca	ctccca			156

<210> 24386

<211> 256

<212> DNA

<213> Homo sapiens

<400> 24386

tcttaattgc	atagccmysa	actsgcystc	aaatatbgnn	gcatggccat	gcagccccag	60
tgctgcttct	ctccaggaca	taagtgggag	ttctttggag	aatgctggag	ggaatgaagg	120
ggaggagtgc	gcctctccac	tgcatttttc	cttgaagcag	aaacttagct	tccaacgtcc	180
ttcagatgcc	aggtcccacc	tgcagcttct	tgctctctcc	tggaatttc	agtccagcta	240
ccatctctaa	agtcca					256

<210> 24387

<211> 178

<212> DNA

<213> Homo sapiens

<400> 24387

acaaaaaagt	mmcaaacatc	ccttaaaaaa	aaaacacaaa	gactcctagt	actttgggga	60
ggagggtcatg	ttttccttat	aaaaacaaaa	tttggtattgt	gttaggtgga	gtgataaagt	120
tgatgctatt	agtagcttta	tttttcattg	tggtaaaata	ggcatacctt	tttttttt	178

<210> 24388

<211> 171

<212> DNA

<213> Homo sapiens

<400> 24388

aagtttactc	tttaccatgb	aataaagtca	ccttttagaaa	atgacagaaa	aaaaaataga	60
tggaaggtg	tttattctct	gatatttttc	cagacccac	aggagcaagg	agggcagtaa	120
cccatgcttt	tcttccttaa	agcaacagcc	atttctcctc	ccaccccccc	c	171

<210> 24389

<211> 169

<212> DNA

<213> Homo sapiens

<400> 24389

aaccatcctt	tycttgggg	tgcgctactg	tccaatgagc	gcatagttag	ggcagtactg	60
ctarcgcctg	aacaacacac	ccgcatcaac	tagagctktt	gctttatatt	ggtgcaattt	120
ttggrrraat	garaacctgt	wttcatagac	ttatcagttc	aaacagcaa		169

<210> 24390

<211> 355

<212> DNA

<213> Homo sapiens

<400> 24390

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ctgcccaggt	gttcagctcc	aactggagtc	atcctttgat	ctgtcctttt	ccgtctacgc	120
ttatccatca	aaagtccac	aggttttacc	tccagaataa	gtccacatcc	atctactttt	180
catctctgcc	gatcctggtc	taaaccacca	tcatcttttc	ttgggctgct	gggacgcctc	240
ctcactggct	acagacttgc	tctgtttctg	gctctccaga	gcagccagag	ctaactaact	300
ttggaaaatg	gagagtgggt	atctctctct	ccatcacaaa	cacgcacctc	tcaga	355

<210> 24391

<211> 150

<212> DNA

<213> Homo sapiens

<400> 24391

taggccaggc	gtggtgactc	acacctgtaa	tcccagcact	ttgggaggct	gaggcgggcg	60
gatcacctga	ggtcaggagt	tcaagaccag	cttggccaac	atggtgaaac	tccgtctcta	120
caaaaatatt	ttaaaaaatt	agccaggcaa				150

<210> 24392

<211> 296

<212> DNA

<213> Homo sapiens

<400> 24392

caatcagcac	tctgtaaaaa	tgcaccaatc	agtgtctctt	gtctagctaa	tggtttgtaa	60
atgcaccaat	cagcactctg	taaaaatgga	ccaatcagca	ctctgtaaaa	tggattaatc	120
agcgctctgt	aaaatgaacc	aatcagcagg	ccgtggacgg	ggccaagtaa	gggaataaaa	180
gctggccatc	caagccagca	ggggcaatgc	ttgggtccct	tcccatgctg	tgggaagcttt	240
gttctttcac	tgtttgcaat	aaatctggct	gctgtcact	ctttgggtcc	acacat	296

<210> 24393

<211> 150

<212> DNA

<213> Homo sapiens

<400> 24393

atttacagtt	tygggtcagk	bctgcagtga	ggagggggag	aggagggggtc	ggggaggggag	60
gaggaggagg	aggaggagct	ggaggaagcc	ctgactggta	tccctggccc	cagtccagtt	120
tggagctcag	tcttccacca	aaggcccacc				150

<210> 24394

<211> 74

<212> DNA

<213> Homo sapiens

<400> 24394

aagactatac tttcagggat catttctata gtgtgttact agagaagttt ctctgaacgt 60
gtagagcacc gagg 74

<210> 24395

<211> 89

<212> DNA

<213> Homo sapiens

<400> 24395

agacatgctc cargttgttc ttgagatcac agttcccatc acattttctc tggagaatgt 60
gaagaacaca gaactgggag aggaacagt 89

<210> 24396

<211> 413

<212> DNA

<213> Homo sapiens

<400> 24396

taaaaaaatg agtgtaaagt ctatgtttta gaaaaaagta tagtttttaa attgtggcaa 60
aatatacaca acataaaatt taccatttta atcatttcta cttgtrtagy ccacgggtact 120
aagtactttc acattgtttg acaaccatca gcattatcca tctctagaac ctgttcatct 180
tctccagctg aaactctgta tccattcaac tccaactccc cattcccttt gtacacctat 240
tttagaagtt cctataaata ctttgaaata agatctttcc ccccttcattg gcaaccacat 300
atctactata tatctctgaa tttgactact ctaggtactc taggtaccag attagtggaa 360
ccagatattt gtccttttac cactgactta tttcacttag taaaatatga cta 413

<210> 24397

<211> 271

<212> DNA

<213> Homo sapiens

<400> 24397

atagctgtgc tcgatttttt tgttggttgtt gtgactgaca gggtgagatt ccgtctccca 60
ggctgggggtg cgggtggcgcc ttctcggtc gctgcaacct gcggcckcct agattcaggc 120
gattctcctg cttcagcctt ccgagtggct gggatggcag gcaactacca atatgcctgg 180
gtaatttttg tatttttaag tacatacagg atttcaccat gttggccagg ctggtttcaa 240
actcccggcc tcgggtggtc tgccctgcccc t 271

<210> 24398

<211> 248

<212> DNA

<213> Homo sapiens

<400> 24398

tttgcaggtc ayggtaatct gaggttacat gaccaagagc atctgagtca gcctgagtct 60
ggaaacattc ttggaatctg ggttccaggc agctggaatc aagtgccatg agaaactttg 120
aagcaaagct gtwrggtttc aatgggagga tagaaaagtc acaaaagatt atcttagtaa 180
tgagatgctt tgaaaaatga gcagtattgg agggtagagg gaacattgaa caaagatacg 240
tatgggga 248

<210> 24399

<211> 260

<212> DNA

<213> Homo sapiens

<400> 24399

cactctggag	cagcactggt	gactcccagc	ccccaacctc	aatcatttta	aaatatctac	60
atcttggctg	ctgagtaatg	ctgaagaaaa	gacaaaaccc	acatgaccca	gcagactttt	120
gcctctacaa	attacgagat	tccaattttt	tttccacaaa	ttttttaagt	tggcaatttg	180
ttattctaca	aaaagtccta	ataatatctt	atgtactctt	ttaaaaaaat	acctccaacc	240
ctgccacttc	ccccctcagg					260

<210> 24400

<211> 150

<212> DNA

<213> Homo sapiens

<400> 24400

agtcaagagt	tctcaagggc	aggttctgtg	cccatttgtc	catgtatctc	ccatgctcag	60
aacggttagt	gggagctcag	ttgttatattg	ttgtattaaa	atgagtgggt	tatatgcaaa	120
ggtacacacc	tatgaaagtg	tcggggctat				150

<210> 24401

<211> 210

<212> DNA

<213> Homo sapiens

<400> 24401

aagaaatact	catgtaggct	sggcacagtg	gtcatgcct	gtaatcccag	cactttggga	60
gtatgagggtg	ggtggatcac	ctggggctcg	aagttcgagg	ccagcctggc	caacatgggt	120
aaaccccgtc	tctactaaaa	atacaaaaaa	ttagccacct	ggtggcgggc	acctgtaatc	180
ccagctactc	aggaggcttg	aggcagggtga				210

<210> 24402

<211> 373

<212> DNA

<213> Homo sapiens

<400> 24402

aatgatctca	agcatttttc	kttgtttttc	agattcckra	atttgacaac	ttgtacctgg	60
atatgaatgg	aattatacat	cagtgcctccc	atcctaata	tgatgatgat	cacttttagaa	120
tttcagatga	taaaatcttt	actgatattt	ttcactacct	ggagggtgtg	tttcgcatta	180
ttaaacccag	gaaagtgttc	tttatggctg	tagatgggtg	ggctcctcga	gcaaaaatga	240
accagcagcg	tgggaggcgt	tttaggtaaa	acatttatgt	tttatttttg	aatattattt	300
agcttagtaa	aaatatgtta	ttttaaagat	aattgattta	acacaatctt	ctgttcatgt	360
ttattttctg	agt					373

<210> 24403

<211> 98

<212> DNA

<213> Homo sapiens

<400> 24403

aaaatataac	tacgtagcgg	gaagaggacc	attgtgatcc	actaccaata	gaacatttat	60
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agttgaaaat gcaatttgag ttgtttgttc accagtga

98

<210> 24404

<211> 269

<212> DNA

<213> Homo sapiens

<400> 24404

tatatatatt	tatggggtat	atgagatatt	ttggtacaag	catgcaaksa	taataaccac	60
atcatgggaa	attgggtatc	catccctca	agcatttatt	cttgggtgta	caaacaatac	120
agttataatc	ttttgggtat	ttttaaatgt	acaattaaat	tattattgac	tatagtcacc	180
ttgttgcatt	atccagtact	aggtcttatt	caatttgttt	ttgtaccca	ttgactgtcc	240
ctacttcctc	cctaaccagt	ccccagcc				269

<210> 24405

<211> 211

<212> DNA

<213> Homo sapiens

<400> 24405

ccatttagaa	cttataaaaa	ttacatttta	caagtacaaa	atacgggcag	cagcctgtct	60
tggcattttt	tcagggttaag	agccaatgta	ttagttttatt	aaagtcttat	tatgaatcaa	120
gcatgacttc	tttgctttta	aatataggaa	tgcaattatt	agtttaggag	aacacatggt	180
aatcacacat	ttttatttat	tgagagccac	a			211

<210> 24406

<211> 132

<212> DNA

<213> Homo sapiens

<400> 24406

ccaagatcat	tctctataca	tttttgggag	gcgtcaagct	gtcaatagtt	aacactggct	60
aggtttacta	tttttagcatc	cattcattca	tcacttcaac	ctactacact	ctcacttcca	120
ttcccacat	ga					132

<210> 24407

<211> 180

<212> DNA

<213> Homo sapiens

<400> 24407

cttttttggc	tttttgacta	agatccaatg	tagcatgttt	ttttcagttg	aataactgat	60
ttttttttgg	tctgaggacg	atatatttaa	gtggggtttt	ggaatagaaa	gatgaaatag	120
gagctggttt	tttcactct	gcgcacgcac	ttggtattgc	cgtgtttcca	aagaggcgcc	180

<210> 24408

<211> 129

<212> DNA

<213> Homo sapiens

<400> 24408

acaatcccaa	tcaagagcca	gcccggtttc	tgcaagcaca	caggagcaga	agagaaacca	60
gtgaagactt	caccgctgca	tatcaggcca	gcgacggctg	ctcggtgacg	gcgctgctct	120
gccaccaag						129

<210> 24409
 <211> 311
 <212> DNA
 <213> Homo sapiens

<400> 24409
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 gccaaatcag atgaaatgtt caatttataa aggtcaacaa atatttatta attagttcct 180
 gttgttaagg agtttataat gtagaagaga aacacggtac ataaatcact gcattattac 240
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 cagggaggac a 311

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 <212> DNA
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 cgttatttta acatacagag gtaactaaaa gtatcaggta agtctctacg gagtatagta 180
 tggaagctgg gagcctgtta attttcataa caagccttgg aattatttgg ctctttaaac 240
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 gaatgggcag actgggtttt ta 322

<210> 24411
 <211> 340
 <212> DNA
 <213> Homo sapiens

<400> 24411
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 atggtcactc acctgagcag ctgctrwgag tcttcacagc tctgtgcttg aaacccaaag 180
 ccctagtgga atgggctaata gagggtctt tctgatccat gggtcacaag gatcagtgga 240
 aaaagcatgg ttttcagcga ggggtagcac aatccctcat cacctccctt ggctggggaa 300
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<210> 24412
 <211> 168
 <212> DNA
 <213> Homo sapiens

<400> 24412
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 tgattagttt aaaaagtggc atatctgtca gcattatgtg tgttcctatt gccagtttt 120
 gccatgtaa ttttctgtga ttatggaaat gtttgatgtt ggcacatt 168

<210> 24413
 <211> 196
 <212> DNA
 <213> Homo sapiens

<400> 24413

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taacagatga	ggaagaaatt	tgggcttgag	tgaagtaatg	ggggctgtct	gtgaagcttt	120
gcgvacgtac	agcctaggta	atttgctgag	cttgatgggt	gtcaggggtca	gccaagtga	180
aagctaagag	aggcag					196

<210> 24414

<211> 282

<212> DNA

<213> Homo sapiens

<400> 24414

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atctgagtga	aagtatgatg	tggtggaaag	aaaaaacagt	acagtattac	atctgagtk	120
gtctttgaaa	aatcatagta	gtaaatgaac	ctcaacactg	agtgggtcaaa	aattgggtta	180
accaatgggg	ggataatatt	tggttaattg	ttttratatt	aaattttcaa	gtttataata	240
gagttatggt	tgagtagtca	tccatattga	gtaatcacag	ca		282

<210> 24415

<211> 248

<212> DNA

<213> Homo sapiens

<400> 24415

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atgcctgtra	tcccagckac	tcaggaggat	tgcttgagcc	caggagttca	agaccagcct	180
gggcaacagt	gggaccccat	ctctacacac	acacacacac	acacacacac	acacacacag	240
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<210> 24416

<211> 423

<212> DNA

<213> Homo sapiens

<400> 24416

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tgttgtgaac	tgggcagcac	agcaggaggc	gagcagccag	ggagcgttac	cacctgagct	120
ctgcctcgtg	tcagattggc	agcggcattg	gattctcata	ggagtgcata	ccctattgta	180
aattgtgcat	tcaagggatc	taggttggca	ctccttatga	gaatctaata	cctgataatc	240
tgaggtggaa	tattcattgt	tattgtttga	ctccactccc	ctcccgtccc	tttcatggaa	300
aaattgtctt	ccatgaaacc	agtccttagt	gccaaaaagt	tggggaccac	tgtactgtag	360
tttcaaaaat	gttcatatth	ggcctaaatc	tatagtctga	ggaagcatat	cacatcttta	420
tca						423

<210> 24417

<211> 183

<212> DNA

<213> Homo sapiens

<400> 24417

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ctcatgagac	actgaacctg	ctggtgcctt	gatcttggac	ttcccagcct	ccagaactgt	120

gagcaataca tctctgttgt tcataagcca ccccatctat tagattctgt tgtagcagcc 180
aaa 183

<210> 24418
<211> 100
<212> DNA
<213> Homo sapiens

<400> 24418
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ttttttttty cttttttaag atgaatgatt tcggaatcta 100

<210> 24419
<211> 69
<212> DNA
<213> Homo sapiens

<400> 24419
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ttttttgtt 69

<210> 24420
<211> 59
<212> DNA
<213> Homo sapiens

<400> 24420
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<210> 24421
<211> 137
<212> DNA
<213> Homo sapiens

<400> 24421
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gctgtatttt aaaaagctct tcagaaaagt gatctactac tatgctctgt gttctagcag 120
aatacaaagg cccccc 137

<210> 24422
<211> 218
<212> DNA
<213> Homo sapiens

<400> 24422
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gacagttaac ataattgcct tgctggcgta ctagtttatg tttggaatta aggtttaaaa 120
ggttgatct aaattgtgaa gtatcttaga tgcctagcaa agatgattgg attttatatt 180
tgaggggaaa aagtgaaaag tctaaataga ggagtaga 218

<210> 24423
<211> 158
<212> DNA
<213> Homo sapiens

<400> 24423
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 tagtcaacat ttttaaaaaa atttgcttta ctgcttaaar ractattgag gtctattttg 120
 aaatcctggg actgttgata gcattttatt ggcactag 158

<210> 24424
 <211> 71
 <212> DNA
 <213> Homo sapiens

<400> 24424
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 agtatcctac c 71

<210> 24425
 <211> 183
 <212> DNA
 <213> Homo sapiens

<400> 24425
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 tgtaattctca gctactcggg aggctgaggc acgagaatcg gttgagccca ggaggtggag 120
 gttgcagtga gctgagatcg cgccactgcc ctctggcctg ggcgacagag caagactccg 180
 tcg 183

<210> 24426
 <211> 56
 <212> DNA
 <213> Homo sapiens

<400> 24426
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<210> 24427
 <211> 216
 <212> DNA
 <213> Homo sapiens

<400> 24427
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 ggcgtgagcc gggaggcgga tcttgacgtg agccgagatc gtgccactgc actccagcct 180
 gggaacagag agagactctg tctcaaaaaa aaaaaa 216

<210> 24428
 <211> 216
 <212> DNA
 <213> Homo sapiens

<400> 24428
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 gattaaattg ctagtgccac taagggaact gaattattag atccatttca aaatacatta 120
 agacctgagg gagccaggaa ataaggaaga ggagaggagt aaaagaggac atgagagtga 180

ggaaggcaga gagtacaggg agtgaatgaa ggggca 216

<210> 24429

<211> 147

<212> DNA

<213> Homo sapiens

<400> 24429

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aggaggagga	tgaagaaggt	tataacgatg	gagaggtaga	tgacgaggaa	gatgaagaag	120
agcttgggtga	agaagaaagg	ggtgcat				147

<210> 24430

<211> 198

<212> DNA

<213> Homo sapiens

<400> 24430

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tgatacacgt	tcaggttcac	agactctttt	ctcccatctc	cattttctta	ttgagtccaa	120
ccagtgaact	ttttatgtat	tgtktatttc	acttttaaca	tttacatttg	gttcttttaa	180
aaaaaaacaa	aaaaaaaa					198

<210> 24431

<211> 275

<212> DNA

<213> Homo sapiens

<400> 24431

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aganaagagg	gtaaaggctt	tgggattgat	cattaatggt	tggttttgtg	tgacttggtt	180
taaatgcgtg	ataaattgat	gctgacggtg	cttgaatgag	tragaaaagc	aatgaagcc	240
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<210> 24432

<211> 90

<212> DNA

<213> Homo sapiens

<400> 24432

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tctccttggt	aaggagccga	aagtgcccg				90

<210> 24433

<211> 385

<212> DNA

<213> Homo sapiens

<400> 24433

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ttttggtaat	attgttatct	taacagtatt	aagtcttcat	atgcatgagt	atggattgtc	180
tttccgttta	tttatgtctt	ctttaatttc	tttcaattat	gtwttatagt	ttttcgtgta	240

caagtctatt gcctccatgg taaattttatt cctatgcatt tgattctttt tgatgctatk 300
 aaaaatgtaa ttgtdttcwt aatttcttwt tgggatcatt cattgctagt gtatagaaat 360
 gcaackcatt twgtgtgctg tgatt 385

<210> 24434
 <211> 173
 <212> DNA
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<400> 24434
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 gagaatggcg tgaaccggg aggcagagct tgtttgcagt ragccgagat cgcgccattg 120
 cactccagcc tgagcgatag agcaagacc tgtctcaaaa aaaaaaaaaaaa aaa 173

<210> 24435
 <211> 123
 <212> DNA
 <213> Homo sapiens

<400> 24435
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 tatattccta gcccaagtca ccctttacat actgttagac taaaggtcta aaaatcagcc 120
 ctg 123

<210> 24436
 <211> 66
 <212> DNA
 <213> Homo sapiens

<400> 24436
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 aaaaaa 66

<210> 24437
 <211> 128
 <212> DNA
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<400> 24437
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 ctaaaactggc caccaagttt gtgtctctaa atctgcacat cttagctgtg aactagacct 120
 tccccga 128

<210> 24438
 <211> 362
 <212> DNA
 <213> Homo sapiens

<400> 24438
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 gtttcatttt taacttcac tttotaacca agtttcttct ctaggagaaa caaaaatatg 120
 attgcatccc ccttggtata ttatagaatg gtatctttac attattctat aattttgagt 180
 tatttttgag cattctggtt ttttccccag tatgactgtg taaagatgtg tttgctatcc 240
 ttgaacaaat atcctgtaat atctgtgaaa aggccccctgc agactcttga atacacggcg 300

acttctctag aatacactgt gactwctgtt acttttgatt tccccatggt ggctctcagg 360
gc 362

<210> 24439
<211> 150
<212> DNA
<213> Homo sapiens

<400> 24439
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sraaaatatt ttaaaaaatt agccaggcaa 150

<210> 24440
<211> 298
<212> DNA
<213> Homo sapiens

<400> 24440
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gacttcaagt gtctgtgaa acacaacatt cggcctccgg cacacacatc cgtgggagat 120
ggctcaactt ctttataaag tgaggaacca aattgtgaag acatctgttc tgttattaat 180
ttcacatata tcttaagctc ctcaaggcca gaaatgaggc ttcattcacg tcgaattaat 240
gaaacatgat tctacatttt caccocatcc cgggctccat gttcctgctg cactccac 298

<210> 24441
<211> 108
<212> DNA
<213> Homo sapiens

<400> 24441
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catacactat tcagattttc tgattttctt ctttaacata acatcgca 108

<210> 24442
<211> 110
<212> DNA
<213> Homo sapiens

<400> 24442
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ctcatcatct agcattaggt atatctccca atgctatccc tcccccaata 110

<210> 24443
<211> 171
<212> DNA
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<400> 24443
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aggttctaaa atattatcag agtgtttgaa attttccaag caattcagat aacaccctac 120
aattttcttt cacctataaa taatgaaaaa ctaatcctca gtgcagcctt a 171

<210> 24444

<211> 118
<212> DNA
<213> Homo sapiens

<400> 24444
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acagcctaaa gttgatactc tcttttccct ttcttatagt cgagtaatcc ggccgtta 118

<210> 24445
<211> 114
<212> DNA
<213> Homo sapiens

<400> 24445
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cctaaaaatc ttctgtgcta tgcctattca tccctcacac ctcccaacct cgag 114

<210> 24446
<211> 407
<212> DNA
<213> Homo sapiens

<400> 24446
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caaacattga aaatgataat attttaaatgg tatatttagga taaacagaaa ctgcttactg 180
ctagagggtga tgacaagaga tggggagagc atgccccagg tcccactgga caccccaagg 240
gctacaggga tctcagcact tctgtaatcc ttccaaggca catctaagtt aggaagaaga 300
taagatttgt agtttcagat ttcattctaga catttctctc aaattcaatt taaagctgtt 360
ttgtgttctg cccattttct cccctccaca catacatagc catcctt 407

<210> 24447
<211> 170
<212> DNA
<213> Homo sapiens

<400> 24447
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gaggatcgct tgaacctggg aggcggatgt tgcagtgagc cgagatcgcg ccgctgcact 120
ccagcctggg tgacggagtg agamtccacc tcaaaaaaaaa aaaaaaaaaa 170

<210> 24448
<211> 348
<212> DNA
<213> Homo sapiens

<400> 24448
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agcagtggcc ggttgcggtg gctcacacct gtaatcccag cactttggga ggccaaggca 120
ggmagatcac aaggtaaga gattgagacc atcctggcca acatggtgaa accatgtcta 180
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aggctgaggc aggagaatca cttgaacca ggaggcagag gttgcagtga gctaagatca 300
tgccactgca gtscagcctg gcaacagact gagactctgt taaaaaaa 348

<210> 24449

<211> 175

<212> DNA

<213> Homo sapiens

<400> 24449

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ttcctggtaa ccagagacaa gttgcacaat cgggtgtggca tttggctcct gattctgggg	120
gagagggagc gctgtctgct ttttcagcag gccagcaca gtggagcgcg gasaa	175

<210> 24450

<211> 182

<212> DNA

<213> Homo sapiens

<400> 24450

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gacttctcta ggtgaatgtt tatggtagcc tacaagctac catacaaaat tacaanaatt	120
agctgggcat ggtggcacgt gcctgtagtc ccagccactc gggaggctga gacaggagcc	180
ca	182

<210> 24451

<211> 281

<212> DNA

<213> Homo sapiens

<400> 24451

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catggcctgc tcagcctcag cggactttcc gtgacatttc tgaagatctg aaatcttcag	120
taggttgatg tggtttcctc tgcagtgatt tttctaggaa gttcaaattt gacagcgagt	180
tcagctcagc tgtggccttc tgcccttcca gctgtgccta gcaagcaaaa cccaggaaag	240
aagcagaagc ctcttgacct tacatacaga atgcctgcta c	281

<210> 24452

<211> 121

<212> DNA

<213> Homo sapiens

<400> 24452

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gttgaggtga gwwtttcttt cttttttttg agacagagtc tcactctgtt gccagggcag	120
t	121

<210> 24453

<211> 176

<212> DNA

<213> Homo sapiens

<400> 24453

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cttcacaaga accaaaaatc aggtgaagtga tcacagtacc tgattttaac ttcattattgc	120
tgaaagagac actgaagaga gtaggaaaga cagttttcga ttgtctacta ccccat	176

<210> 24454

<211> 439
 <212> DNA
 <213> Homo sapiens

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 tgtgagccaa tttggggaga atctccatct taacaatact gaatcttcag atccatgaat 120
 atgatttgta cctccattta tttaggtctk rtttaatttt tagcaatgtt ttatagtttt 180
 cagtgtacag atcttacata aactttgtta catttacccc aaactatgtc atattttttg 240
 acggcattgt aaatgaaatt gtatttttta ttttatttta ttatttattt atttatttta 300
 attattatac ttttaagttct aggggtacatg tgcacaacgt gcaggtttgt tacatatgta 360
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<210> 24455
 <211> 203
 <212> DNA
 <213> Homo sapiens

<400> 24455
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 ttctgtacag atgatctttc caatgctgag attgagccat tgaagtcccc aaatattatt 180
 gctttggaat ctatctctcc cct 203

<210> 24456
 <211> 237
 <212> DNA
 <213> Homo sapiens

<400> 24456
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 tagacttgct tccttgcttt tttctaaaaa ttaaatgtga tccactatct ttaagaaatg 180
 ttaactcttc cactgtctgt actaagaaca tgagacaaga ccattctcta cccccct 237

<210> 24457
 <211> 155
 <212> DNA
 <213> Homo sapiens

<400> 24457
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 tgcattgagt ttataaactt ttggtttgtg aacttcatat ttgatctttt ctcttccaat 120
 caaatgtcta ggcttgtttg acttccaccc ccaac 155

<210> 24458
 <211> 95
 <212> DNA
 <213> Homo sapiens

<400> 24458
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 aaaggtttgt cttctaaatc tcategcccc tacca 95

<210> 24459

<211> 88

<212> DNA

<213> Homo sapiens

<400> 24459

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cactaaaaga gatgggttttc cccacatg	88

<210> 24460

<211> 397

<212> DNA

<213> Homo sapiens

<400> 24460

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ccccataaaa ccagcagaac tgccctcagg gtggctgtta ccagacaccc agcaccaatc	120
tacagacgga gtagaaaaag gaggtcttat atactgatgt taaaaaaca aacaaaaca	180
aaagccctaa gggactgaag agatgctggg cctgtccata aagcctgttg ccatgataag	240
gccaagcagg ggctagctta tctgcacagc aaccacagct ttccgtgctg ccttgccctt	300
tcaagatgct attcaactgaa acctaacttc acccccataa caccagcagg gtgggggtta	360
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<210> 24461

<211> 146

<212> DNA

<213> Homo sapiens

<400> 24461

aaaaattagc tgggtgtggt gacgcacgcc tgtaacccca gctacttggg aggctgaggc	60
aggagaatcg cttcaacctg ggaggcggag gttgcagtga gccaagatca caccattgca	120
stccagcctg agcgacaaga gctgdr	146

<210> 24462

<211> 109

<212> DNA

<213> Homo sapiens

<400> 24462

ccaggtcgga aacggagcag gtcaaaactc ccgtgctgat cagtagtggg atcgcgccctg	60
tgaatagcca ctgcactcca gcctgagcaa catagcgaga ccccgctca	109

<210> 24463

<211> 207

<212> DNA

<213> Homo sapiens

<400> 24463

cagtatttct gaatgaatgc atggtagatt attggtatag ttgaccattt attgtatttt	60
ttaaacttta ttataaacac accataaaat ttgacagcct ctccaaattt ttgttgaagt	120
gggatcagaa ctgaaaatgt gtcttttctg ttttaatttta aaacaattct tgttcattta	180
aatcaagaa aatgtagcct ggacacg	207

<210> 24464
 <211> 235
 <212> DNA
 <213> Homo sapiens

<400> 24464
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 actttctcag gcagaagtga aatgatccca aatggaagat catacttgca ggagagaatg 120
 aaagagcaac aaaaagagtg aacaggtgga taaatgaaca ctcgctatgt aaaacagcca 180
 tgaaaaatgtc ttgtctgggc acggtggctc atgtctgtaa cccaacactg ggaac 235

<210> 24465
 <211> 400
 <212> DNA
 <213> Homo sapiens

<400> 24465
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 ttcacctagt gtggtttatt ttaaactggg agattctgtg tgctttgtat ctttcaggag 180
 gactctacct gaattttctg cttataactt ctctctcttt ttgggaggca actgtgtgta 240
 gatacacagc cacaactgag tattcacatg atgtaaaagt aatgaaagt accgggcatg 300
 gtggctcagg cctgtaatcc cagcactttg ggaggctgag gcaggcggat cacgaggtca 360
 ggagatagag atcttcctgg ctaacatggt gaaacccttt 400

<210> 24466
 <211> 453
 <212> DNA
 <213> Homo sapiens

<400> 24466
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 tgacctgga gagattaaat ttattttcat ctaatagaaa agctaacccc caaacattac 180
 agtttattac tgtctagaat gttaatcagt ttacatttgt tggcaagttt atttcagcat 240
 tcttttgact gaccatataa atctgtttct ttcaataatt tcaactttta ttttagattc 300
 aggggtacac atgcaggttt gttacatggg tatattgcat gacactgagg tttggggtgt 360
 gaatggtccc atcaccagc tagtgagcat agtaccat aggcagtttt tcagtccttg 420
 cccactccc tctctccgc ctctagtagt ctc 453

<210> 24467
 <211> 213
 <212> DNA
 <213> Homo sapiens

<400> 24467
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 ttatatatct aatgctcatg acttgatttt gaagtatgcc ttcaaacata tttgttgagc 120
 ttaaaataac taaaatggat aatactgtat ttctggtaaa atggcatctt tctgggtcag 180
 atctttctaa atatcaatga ataatgaggg tcg 213

<210> 24468
 <211> 229
 <212> DNA

<213> Homo sapiens

<400> 24468

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aggcctgagc	catcgcccct	ggcctcaatt	tatttttcta	agtdaagttt	tactggagat	120
aaaaaggaag	gagatgatac	tcaattaaga	aaaacaatct	ctggctatag	ttaatatattc	180
aagataggca	cattcacatc	gatacatata	aagtacaaat	gcaggcaga		229

<210> 24469

<211> 117

<212> DNA

<213> Homo sapiens

<400> 24469

taatcccagc	tactcaggag	gctgagggtga	gagaatcact	tgaacctggg	aggcagaggt	60
tgccgtgagc	tgagatcgca	ccagtgccact	ccagcctggg	caacagagca	agactct	117

<210> 24470

<211> 93

<212> DNA

<213> Homo sapiens

<400> 24470

cttccttcag	atctgtgttc	agatttcgtc	ttctcagaga	ggcttttggc	ccctgtccat	60
ctctctgaat	ttacctctga	cctctcccc	agc			93

<210> 24471

<211> 216

<212> DNA

<213> Homo sapiens

<400> 24471

cagaacttct	accaagtagt	tttaattgat	tagagctatg	agaacaaatt	gcataccttgt	60
atctttttta	ggtgatcact	agggatgcta	ttaaattttta	cagtaatatg	tgtttttaagt	120
ttccttttcc	cttatttttc	cttctttttc	atcaaacttt	taaaagatct	ctgattttaga	180
aggggaagcga	agtagatatt	tgatatggga	gtccgc			216

<210> 24472

<211> 320

<212> DNA

<213> Homo sapiens

<400> 24472

aatatgggac	tatgtgaaaa	gaccaaactct	acgtctgatt	ggtgkrtctg	aaagtgatgg	60
ggagaatgga	accaagttgg	aaaacactgt	aggatattat	ccaggagaaac	ttccccaatc	120
tagcaaggca	ggtcaacatt	cagattcagg	aaatacagag	aacaccacaa	agatactcct	180
cgagaagagc	aactccaaga	cacataattg	tcagattcat	caaagttgaa	atgaaggaaa	240
aaattttcaag	ggcaggcaga	gagaaatgtc	aggttaccca	caaagggaag	cccatcagac	300
taacagtggga	tctctcggca					320

<210> 24473

<211> 324

<212> DNA

<213> Homo sapiens

<400> 24473

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ttgaaatttg	aacttaatag	aagtcacatt	tcagaaactc	ctcttgactc	tgagagtcct	120
caacaagctg	aagtatcacc	tgatgctaaa	acatctctta	gccttgactg	taaaaaacta	180
aatttcagta	tttcacctcc	tacctttggt	tctggagttg	ggatgctgag	caagttggat	240
attcctgatt	taatgaatga	gggttctcct	gtgcccattg	aaactgggaa	tgtcaacatt	300
gttggtatit	cctatcagcc	tagg				324

<210> 24474

<211> 96

<212> DNA

<213> Homo sapiens

<400> 24474

tgtatgggtcc	tggtgcttg	ggaggctaag	gcggggggat	cgtttgagcc	cgaggagtktg	60
aggctgcatg	gagccatgat	tgtgccacta	cactcc			96

<210> 24475

<211> 86

<212> DNA

<213> Homo sapiens

<400> 24475

attaagacta	tactttcagg	gatcatttct	atagtgtggt	actagagaag	tttctctgaa	60
cgtgtagagc	accgaaaacc	ccgagg				86

<210> 24476

<211> 364

<212> DNA

<213> Homo sapiens

<400> 24476

gaattgatta	aaaaaaaaag	atccadtgat	cttttgcccta	taagaaacac	acttcaccta	60
taaagaaaca	crtacattga	aaataaaagg	atggaaaaag	acattccatt	tcaatagaaa	120
ccarraaaaa	gagtaggwtt	agctatactt	acatcagaca	aaatagattt	caagaccaaa	180
agtataagaa	gagacaaaga	aggttactat	gtaatgataa	agtggatcaat	tcagcaagag	240
gwtataacaa	ttataaatat	atatgcaccc	aacactggag	cacgcagata	tataaagtaa	300
atattattag	agctaaagag	agagaaaccc	cawtacrata	atacctggaa	acttcaacac	360
ccct						364

<210> 24477

<211> 143

<212> DNA

<213> Homo sapiens

<400> 24477

aaaattggcc	gggcatgggt	gcgggtgcct	gtgggtcccg	ctgcttgagg	ggccgagggc	60
ggagagtggc	gtgaacctgg	gaggcggact	tgagtgggc	cgagatcgcg	ccactgcact	120
ccagcctggg	cgagakggag	aaa				143

<210> 24478

<211> 71

<212> DNA

<213> Homo sapiens

<400> 24478

ctattttttc tagatttata gaggtataat tgacaattaa aaattgtgta tattctagat 60
atgcatgaac g 71

<210> 24479

<211> 78

<212> DNA

<213> Homo sapiens

<400> 24479

atttttagcg gagatggggg ttcgccgtgt tggccgggat ggtcttgatc tcctgacctc 60
atgatccgcc gcgccact 78

<210> 24480

<211> 70

<212> DNA

<213> Homo sapiens

<400> 24480

ctggtgcgct gcaccacta actcgatc tagccttagg tataatctccc aatgctatcc 60
ctccccgc 70

<210> 24481

<211> 189

<212> DNA

<213> Homo sapiens

<400> 24481

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gtgcaggttt gttacatatg tatacatgtg gcatgtttgg gtgctgcacc cattaactcg 120
tcatttatat taggtatatc tcctaattgt gtccctcccc cctcccccca cccctcgcca 180
gtscgcggc 189

<210> 24482

<211> 426

<212> DNA

<213> Homo sapiens

<400> 24482

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tttccttatt ggtcagtttt aaagggttga tttcttctta cataatactt agagactaaa 120
caaattctcc ttttataaag ttgagaagg gactgaataa tttccatcca ttgaatagac 180
attcaagtaa acattcatgt taatagattt taaaattatt ttccagaata aataactaaca 240
aacctggcaa aaaagattta aagtctcata atgaccattt ttgtcaagaa catactgtat 300
cctggtgagc gatgaatata ttgtatgtkc ttttcctgta actagtaggt tacatttctt 360
atggcagtag ctttagctct taacattgtt tagrattcat ttagaaagaa gwaatttctt 420
tgagaa 426

<210> 24483

<211> 66

<212> DNA

<213> Homo sapiens

<400> 24483
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 ggccac 66

<210> 24484
 <211> 90
 <212> DNA
 <213> Homo sapiens

<400> 24484
 aagactatac tttcagggat cattttctata gtgtgttact agagaagttt ctctgaacgt 60
 gtagagcacc gaaaaccacg aggaagagag 90

<210> 24485
 <211> 128
 <212> DNA
 <213> Homo sapiens

<400> 24485
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 tctcttgaga ttcagccttg cgcaccacgc tgacaattga tgtctaactc ttttcttttc 120
 cccaaaaa 128

<210> 24486
 <211> 143
 <212> DNA
 <213> Homo sapiens

<400> 24486
 aaaaattagc tgggtgtggt gacgcacgcc tgtaacccca gctacttggg aggctgaggc 60
 aggagaatcg cttcaacctg ggaggcggag gttgcagtga gccaagatca caccattgca 120
 ctccagcctg agcgacaaga gct 143

<210> 24487
 <211> 99
 <212> DNA
 <213> Homo sapiens

<400> 24487
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 gaattagaac tctcctcctg tttgtttttt tttttttt 99

<210> 24488
 <211> 183
 <212> DNA
 <213> Homo sapiens

<400> 24488
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 gcgtgagcac tgcgcccggc cttatatattt taaatggatc atactttaga tattattttg 120
 tcaataagta gtctcctgct atgatttaaa attgtacctt atatcaaaat aatacatgtg 180
 tat 183

<210> 24489

<211> 71

<212> DNA

<213> Homo sapiens

<400> 24489

aagactatac tttcagggat catttctata gtgtgttact agagaagttt ctctgaacgt	60
gtagagcacc a	71

<210> 24490

<211> 344

<212> DNA

<213> Homo sapiens

<400> 24490

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gacacagtga taccctgtct ctactaaaat acaaaaaatt agctgggtgt ggtggcacga	120
tcttgagtca ctgcaacctc cgcctcccag gttcaagcat ttctcctgcc tcagcctccc	180
gagtagctgg gactacaggc acaagccacc acaccagct actcgggagc tgaggcaggg	240
ggatcgcttg agcccaggag gcagaggttg tggtagttg agatcatgcc actgcactcc	300
agcctgggtg acagggcaag gcctgtctaa aaaaaatgtt ttgt	344

<210> 24491

<211> 368

<212> DNA

<213> Homo sapiens

<400> 24491

tgttttttat aaaatgtaaa attaatTTaa gcagctaagt ctattaatgc caaagagtaa	60
atctatttaa gtgaaacatt attttcatat gtaagctttt ttatgaaaaa attttatgaa	120
aaatattaat ggaagttttt ttcttatata ctgagtcatt taccttattt gatatatgtt	180
cttgaaaagc aaatatatTT ttcttactat ccctcttagg agatattaaa aagtcataata	240
taatatatat atttttttaca accagtgatg cagcatttgc acaattatct ctgaagggtt	300
tattccggaa tgcttctgca ccagaaagaa ggttctagac ataggatatcc gcaactacag	360
tgatcacc	368

<210> 24492

<211> 173

<212> DNA

<213> Homo sapiens

<400> 24492

agggggagtg aaaactagwg gagggcgaag gaagcgaggc gcgacactgc tggggagagg	60
agggcagtga ggagcgagga gcgggcagag gcagctccgg cggccgagag gagggagcgc	120
ggcgagaga ggaggggctt gcgccccgta gaaatgtcaa tcagacccccg ccc	173

<210> 24493

<211> 85

<212> DNA

<213> Homo sapiens

<400> 24493

acaagattag gcacaaactt catgaaatca tatttctaata gacttttttta tttaacaaaa	60
ttctaatttg ttcttttttt ttttt	85

<210> 24494
 <211> 391
 <212> DNA
 <213> Homo sapiens

<400> 24494
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 aactcccatc tctactaaaa atacaaaaat tagctgggagc tgggtggtgtg catgcacctg 120
 tagtcccagc tacttgggag actgaggcag gagagttgct taaaccgcg aggtggaggt 180
 tgcagtggc ccagatcttg ccaactacact tcagcctggc aacagagtga cactccatct 240
 aaaaaaaaaac aaaacttaca gtacaccttt tgtttagctgt ycttgaattt ttccttcagt 300
 ttggactaaa tcctaaattc tctgtgggct aaaagtcccc aaactaatgc tttcaaatct 360
 ttacttttga aactgggaat tgcactcctc a , 391

<210> 24495
 <211> 297
 <212> DNA
 <213> Homo sapiens

<400> 24495
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 atggccttgt cacagagatc acaagggaca cggagttgac ttttgctcaa ggtggaacga 120
 cagagctgtg taggcaagat gagaaattgc gaacttgctc ggccaaagggt atgtttcttt 180
 cataattcca catcctaggt tttcttatta agatttttgt ttgatgggtc atgggttctt 240
 tttttgtttc ttgaccgaaa tgattcagaa aaagatccgt atgcttttgc ggcagat 297

<210> 24496
 <211> 216
 <212> DNA
 <213> Homo sapiens

<400> 24496
 cyaggatcca ttcgagggtt gccattgtc ttggttgacg tgcctbwcta tttawttat 60
 ttatwtatct atttattttc agacbggtt cactcttgct aggctggagt gcagtggcat 120
 gaccacagct cactgcagtc ttgacttccc aggtccagat gatcctccca cctgaagcct 180
 cccgagcagc taggactaca ggcattgcacc actacg 216

<210> 24497
 <211> 402
 <212> DNA
 <213> Homo sapiens

<400> 24497
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 atacgaagtg atccccaatt ccactagtag attcatgctc cgttcattat cactgttcac 120
 agtagctttt ctaaattgtt ttcacttate ctgggtttct aagtctgcct gattccttca 180
 gctttggacg ctgctcctat gtcctgttga agtgaaaaga tcaaggctgc ctgatctcct 240
 ttaacaaaca actgtaacct gccctcttt gatttacgat atcattgtca tcattagtcc 300
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 cacatgctct taattttacc catttcatt cattcttcaa tt 402

<210> 24498
 <211> 184

<212> DNA
<213> Homo sapiens

<400> 24498
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tgcagagagg aatggaggaa gggcattttt cttagggttg tttgggaggc ctgaggtggc 120
attggagctg agacctgaat gatctgcatt ctaaggcaaa ggtcttgagg tgcagtgatg 180
agca 184

<210> 24499
<211> 141
<212> DNA
<213> Homo sapiens

<400> 24499
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ctccttttcc tcttttctcc taacgttttt gagaatggaa atgatattca ccttttgttt 120
gtctgtttct cctctcamcc a 141

<210> 24500
<211> 199
<212> DNA
<213> Homo sapiens

<400> 24500
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tggagtctca ctctgtcgcc caggctggag tgcagcgnca tgatctcggc tcaactgcaag 120
ctcctttctcc cgggttcacg ccattctcct gcctcagcct cctgagcagc tgggactata 180
ggcaccgcgt accacgcct 199

<210> 24501
<211> 90
<212> DNA
<213> Homo sapiens

<400> 24501
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ttgctagtat ataggaaatg atgaactttt 90

<210> 24502
<211> 96
<212> DNA
<213> Homo sapiens

<400> 24502
tgtatgggtcc tggctgcttk ggaggctaag gcgrrgggat cgttttragcc cgggagthtg 60
aggctgcatg gagccatgat tgtgccacta cactcc 96

<210> 24503
<211> 127
<212> DNA
<213> Homo sapiens

<400> 24503

caggggactt ggcagacgcg agagaacacc acagatattt ggcaggatga atcagaatgc 60
tcagagaacc acagcttcag acaaaacgtg gatcactacg ccttgctata caccttgtag 120
ctgatgt 127

<210> 24504
<211> 150
<212> DNA
<213> Homo sapiens

<400> 24504
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tttacaagaa aaaaacaaac aaacccatca aaaagtgggc gaaggacatg aacagacact 120
tctgaaaaga agacatttat gcagcctata 150

<210> 24505
<211> 87
<212> DNA
<213> Homo sapiens

<400> 24505
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accttttagtt taaaacacaa acagccc 87

<210> 24506
<211> 193
<212> DNA
<213> Homo sapiens

<400> 24506
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aatgaggaa gtgcatttga tttgtttag atataaatac tggtttaaga tcaggaattc 120
tatttttctt tctctgaga aagggtgttct ttgatgtaca tctcttgcaa ctctgatact 180
tggaagttgg atc 193

<210> 24507
<211> 226
<212> DNA
<213> Homo sapiens

<400> 24507
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aggaagaggc ttgttctgga cttccaaatg gcttccttta aaaagaggca tttaaatttt 120
tccagttgct ttttatagtt gatctaggat agaaaaatta tggccatcat ggtttccttt 180
catattgtta aaaatgatca aggggacttt aagattttat gagaaa 226

<210> 24508
<211> 188
<212> DNA
<213> Homo sapiens

<400> 24508
tgatttctta ccaccaactt catccctccc tttctttaaa aataaaggga aataataaaa 60
tttatttata aaactttgtg gcattccaca aaataattct gaaagaatta gtatggccaa 120
aaaaatatgt atggtgtttt ttttttyct atttttaacc arggaaaaac tgtrgagtga 180

gtragtrr

188

<210> 24509

<211> 230

<212> DNA

<213> Homo sapiens

<400> 24509

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gacaatgcag	caggtctatg	gtttatgtaa	gaacagatta	acatttatgt	ytaagtyact	120
attagatatt	taaggaatgt	atgtagaact	tcaaaaaatg	tttctcttta	attaaccttt	180
ctgattaacc	aacaaactaa	tggttcctgc	agcattgaac	agagagccgt		230

<210> 24510

<211> 326

<212> DNA

<213> Homo sapiens

<400> 24510

taaaattggt	taaaggactg	atttgtcaga	cctttatctg	acctatatca	gaatatataa	60
tgacatttat	aaatttatta	tatccaacta	ctccagcaaa	gccactgtat	tagaactcaa	120
aacttatatt	aatggkaaa	tttgaccac	atgatgtgat	gcatgggtgc	ccacaatttt	180
gtataagatg	ttttttttga	aacccccactt	aagaaatgga	agaatgtctt	acggttaaaa	240
tatgtatgta	cacaaatata	aaacaaatgt	ttgtgcaagt	gttttcaatg	cttgaatatg	300
tcctcctata	gtatattaca	agcagc				326

<210> 24511

<211> 455

<212> DNA

<213> Homo sapiens

<400> 24511

tacttttttt	gaggattttt	atttttgttt	ttgcttaaac	atatagtttg	tctagaagtt	60
taaaaagcta	aaagttaaaa	atgggtgta	tatgaaaatc	taacactcaa	gatagtttct	120
aaaaggaaat	cagtagtwaa	ggatacctga	tttcaaaaata	tttaaagcat	aacctaaactg	180
atggtaggat	gattgtatct	tgaatatgtg	gtagggccac	atctattgta	ggaaaacctt	240
gcttttatca	tctgtgtgta	aagggtctaa	taaggagaag	aggccttttg	actgatttgt	300
gagtataaat	gcatttgctg	tttcatttca	aaaatgttgt	ggaggaaaag	agtacattta	360
acttgatatg	gaaatatattg	tactcctgtc	caggctgcag	gacctttctt	cgagagcwtt	420
gcacacttga	cttgaaccac	attttctgat	ccttt			455

<210> 24512

<211> 180

<212> DNA

<213> Homo sapiens

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<212> DNA

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cctcaaactt	gagcagcaca	ctgctaacaa	atgaaaagg	tttctgatct	gtgccctagt	180
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<212> DNA

<213> Homo sapiens

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aaactgtcca	cttttggtt	ctaagacatt	gctaagtcct	ggttcttttg	tatttcttgc	180
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<211> 321

<212> DNA

<213> Homo sapiens

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aacaggcatg	gaggtgtcat	ctcccttgat	aacaatgtct	tgtcttgga	tacctcctga	180
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<211> 163

<212> DNA

<213> Homo sapiens

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<212> DNA
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<210> 24522
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<212> DNA
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<212> DNA
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 agtggttata agttttgaga taacttttgg caagcctttt caaacctaaa aagcaagtgc 180
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 catacttwtta ttattatta ttattattat tattattatt attatcattt tgaggcagag 180
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<210> 24527
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cgctgctcct tttgttttgt gggcctggct ctggggcccg agcagcacct ccctggggag 180
gccgcctttc cttccgcggc ttcttccgtc tctcctgac cccga 225

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<212> DNA
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gatcaacatg gtgaaactct gtctcaacta aaaatacaaa aattagctgg gcgtgggtggc 180
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<212> DNA
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<210> 24533
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<212> DNA
<213> Homo sapiens

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agtcagcatt attctaagtg ccctgtgtat attattttaat cctcacacaa cagcca 176

Questions and answers about the new law.

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004220" 956E T560

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<212> DNA
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<212> DNA
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0044220" 6666666666

<213> Homo sapiens

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<212> DNA

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<210> 24568
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147

<210> 24569

<211> 222

<212> DNA

<213> Homo sapiens

<400> 24569

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cgaactcagg	gggtggaggt	tgcggtgagt	tgagattgtg	ccattgcact	ccagcctggg	180
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<210> 24570

<211> 471

<212> DNA

<213> Homo sapiens

<400> 24570

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acttaaaaaa	ggataggtag	aaaatctggc	cattttatgt	gttatttttt	tcctgcatac	180
cagtgcctccc	tggaaagatg	gggatgctca	tttcagagac	agcctcttca	cctgtcctcc	240
gtctctccat	tacagagcca	caagccaagc	ttgagttact	ggttaatttc	cttgaagtca	300
atagagactc	tctgggtcct	catccccatg	catatatgtc	tgggagaagc	aagcattctc	360
caaaacaggg	ctgttgcttt	cttcctggcc	gcatatgtga	ctgtcttccc	ctagactgat	420
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<210> 24571

<211> 253

<212> DNA

<213> Homo sapiens

<400> 24571

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tgagatgggg	actgagaaca	aggaggtgat	tcccaaggaa	gaaatttctg	aagaatctga	180
gccacatggg	tcattattag	aaaaatttcc	aaaagtgggt	taccaaggtc	atgagtttgg	240
agcaggatgt	gaa					253

<210> 24572

<211> 369

<212> DNA

<213> Homo sapiens

<400> 24572

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cttgcttcag	acaaagtccc	aagaattgga	gtctgggtgt	ggctggcaac	catatcattc	180
aagttaagcc	aagtgaggtg	agaaactaac	ggaatggcaa	tttcaaattg	agattccttt	240
gatgtttctt	ttatctcaag	ataaaactca	gtgctgggga	tttcttcata	ctcatttgac	300
taaaccagct	caagatgtgt	gcagggggccc	ggaccaccct	ggggaccata	accgtttagca	360
accaggctg						369

<210> 24573
 <211> 197
 <212> DNA
 <213> Homo sapiens

<400> 24573
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 ctgtaattgt cctgtttttt ttctgattgt cctaattatt atgaagccat tataatctat 180
 tttgtctctc tagacta 197

<210> 24574
 <211> 242
 <212> DNA
 <213> Homo sapiens

<400> 24574
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 caacaacgct caaggccaca ggggtccacc acacagcgcc aacaatgacg ccgaccacca 120
 gcgggacgag ccaagccctg agctcattca acacagccaa aacctctaca tccctacatt 180
 cacaaacttc ctccacacac cttcctgaag tcaccccaac ttctaccacc atcaccccca 240
 ac 242

<210> 24575
 <211> 334
 <212> DNA
 <213> Homo sapiens

<400> 24575
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 tttctgggag aaaccctcag tttgtttggt tgttttgaga tggagttcgc tcttggtgac 180
 caggctggag tgcaatggcg tgatctcggc tcaccaaacc ctctgcctct tgggttcaag 240
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 gctaattttg cgttttttagt agagacgggg tcct 334

<210> 24576
 <211> 245
 <212> DNA
 <213> Homo sapiens

<400> 24576
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 tcttcttggc ttctagatgt ccatcttctt tatatgtctt cacatagtym tccccatata 180
 tgtctgtgtc ttaatctcct cttcttaagg acaccactta tattggatta gagaaagcaa 240
 cccta 245

<210> 24577
 <211> 129
 <212> DNA
 <213> Homo sapiens

<400> 24577

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cagggttaga	agcggagggc	atttgaagag	tcctttccct	tccttcattc	atttgttgtc	180
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<210> 24583
 <211> 282
 <212> DNA
 <213> Homo sapiens

<400> 24583						
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ttaaacatga	rggatattac	tggaagtttg	tgattkgttc	tccattttct	agaagtccca	180
ttcaagattt	caaacatttt	caaccttkgg	tctctttagg	wtacatacta	taaagtttgc	240
actcagacat	taaacagkrm	cctaattgaa	aagaatgggg	gt		282

<210> 24584
 <211> 157
 <212> DNA
 <213> Homo sapiens

<400> 24584						
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ggcactgatt	tctgaattat	atgtctccct	attcarr			157

<210> 24585
 <211> 212
 <212> DNA
 <213> Homo sapiens

<400> 24585						
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ggaaccctaa	aatttgcaag	taccgaccca	aaactctgag	aataatgtta	gttccaggaa	120
gctgattgca	tcatttcagt	ggaccagaac	agaaaataat	gagttacatt	taataactct	180
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<210> 24586
 <211> 322
 <212> DNA
 <213> Homo sapiens

<400> 24586						
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taatagtaag	aatnnggaat	tttgcaaaag	ccaagccttc	agatggtcag	ataaagtacc	180
tgatgctgaa	aaacaggaaa	ttgaatcatg	tctccaaaat	gtgccttttg	tcatgcactg	240
ttacagctat	atttcttgta	actacattca	gcctccagcc	aagataaaga	attatgtgat	300
acataacttca	tcttccatca	ca				322

<210> 24587
 <211> 469
 <212> DNA
 <213> Homo sapiens

<400> 24587
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ttgtgagccc tttttgctgg ttttcgccag aggtttttta ccaaataaaa atttcaacca 180
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agctctctac tctcagtcga atgtttggaa atgaggatgc tccacgtgct accctaaaga 360
accatttatg taagtggact aagctaaaac tgccacagct aaactattcc tgcctccctg 420
cttgcttctc ccatctctgt kccatagtct ttggtgctat ttacatata 469

<210> 24588
<211> 176
<212> DNA
<213> Homo sapiens

<400> 24588
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aatatttttg attaaatctg gaagaaccag tgggcaaggc ctttttaaagg ttagctttgt 120
gactaaaagc tggcctagca ggccagggag tkcagctgca ggcgtggggg tggcaa 176

<210> 24589
<211> 119
<212> DNA
<213> Homo sapiens

<400> 24589
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aatgtcaagt ctacgtatag aattttctca ttagaaaaat cccaaaggaa agaccctt 119

<210> 24590
<211> 111
<212> DNA
<213> Homo sapiens

<400> 24590
aaagtctgtt actcagtata ctccctaagt aaatggagag aatatttact attatagctg 60
aagtgtttcc atttgactta gttctaggaa gtcagcatga atgggcccg c 111

<210> 24591
<211> 257
<212> DNA
<213> Homo sapiens

<400> 24591
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tgcaacctct gcctcccagg ttcaagtgat tctgtgcct cagccgccca agtagctggg 180
actacaggca tgcaccacca tgcttggtta atttttgtat ttktagtaga gacagggttt 240
caccgtattg gacaggc 257

<210> 24592
<211> 310
<212> DNA

<213> Homo sapiens

<400> 24592

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atgtatttgg	tatccattat	aaataactta	gttattttata	acacactagt	ctaatatatt	120
tctagtattt	tttaaataaa	gggtagataa	ataatggttt	tactttactg	tggtaaatat	180
ttcttgagaa	aatgttatgt	aatcaactat	ttaataacaa	atgaggacac	agttctgtct	240
tcataaaacc	tagaataaaa	taakgvagtt	aaaattacca	tatagacaat	tgtatggaag	300
gcagaatcga						310

<210> 24593

<211> 171

<212> DNA

<213> Homo sapiens

<400> 24593

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aaggccaatt	catgctgact	tcctagaact	aaatcaaaag	gaaagcccca	actttccatg	120
cccaagtaat	aaaaggacca	gaggggtactc	cctttgcaac	accaccgccc	c	171

<210> 24594

<211> 256

<212> DNA

<213> Homo sapiens

<400> 24594

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cacgccctcc	cgcagaggga	ggagcgacgg	gttacgctgt	cgcccaggag	ctgaaccgcg	120
cgaggacccc	atccatcaga	ttatatggcg	atntagacgg	tgggaagacc	gcaaggaaat	180
ggtcagcgga	tgacgtaatg	tttgggggtg	cgtcccatte	tgtaacttct	gtacggcatc	240
agtgcacgg	gtctgc					256

<210> 24595

<211> 182

<212> DNA

<213> Homo sapiens

<400> 24595

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cagctgtgct	ctaataatcc	tggctggatc	tcttttgaga	gctaggcttc	ccagaagcct	120
ctagcaaaag	tcttttcatg	tgggccagaa	gttggtcaca	ctggcaagga	aatcggattg	180
ca						182

<210> 24596

<211> 312

<212> DNA

<213> Homo sapiens

<400> 24596

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tgtttctttt	gttattgttt	tctaataatt	caagatgact	tctttgatca	tttcccttct	180
agtttagagaa	ctcccgttaa	ccattctttt	agggtaggtc	tactggtgac	aagttgtttt	240
cgttttcctt	tatttaagaa	tgtctcaatt	tccctttcat	tcccaaagga	taacttcacc	300

agatatagaa tt

312

<210> 24597

<211> 236

<212> DNA

<213> Homo sapiens

<400> 24597

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tccttttttat	ggctgaataa	taccctgttt	tatggatata	caacattctg	tttatccatt		120
aatcaggtaa	tggaatatta	aattttctac	cttttagcta	ctgtgagtaa	tgctgctata		180
aacaaccatg	tacaagtttc	tgacacagaca	tgtattttca	tttcccttgg	agcggc		236

<210> 24598

<211> 229

<212> DNA

<213> Homo sapiens

<400> 24598

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tcttcagcam	ttttcgaagc	caagggtgga	ggattgattg	agctcaggcg	ttaaagacca	120
gcctgggcat	atgggtgagat	ctcctctcta	caaaaaaaaa	tttaaaaatt	agcccagtat	180
ggtggcacgt	gtcttttagtc	ccagatactt	gggagattga	ggcggggag		229

<210> 24599

<211> 206

<212> DNA

<213> Homo sapiens

<400> 24599

gttggccagg	ytgggtctcaa	actcctgact	gacctsrrgt	gatcttcccc	tctcagcctc	60
ccaaagtgtc	gggattacag	gtgtgggcca	yaatgcctgg	ccccttctgc	atccttgтка	120
ttaacatgtc	cctatcattt	ttttatgaca	tccttacttt	ctgtagaaga	tgttctcagt	180
tcattttatt	atttccccac	cccagt				206

<210> 24600

<211> 358

<212> DNA

<213> Homo sapiens

<400> 24600

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aggtgctaga	aaattat	ttttgcccac	ttatgcaaga	ggcttggtgc	agaagctgaa	120
ggcagtgtgt	gcaaacactc	ccattccaca	cacgcccctt	cccctcccca	catcagggtg	180
tgcttttga	gcacttttgc	gtaggaagga	attcctgtgc	aactgtagct	ctcactcacc	240
cccaa	atcat	tgaatgaccc	tgaggcccag	ttcctgtggt	gcaacagtgc	300
tactttcaat	gggaacagct	gtacatgttg	cagggcagga	tttggttccc	aagagcga	358

<210> 24601

<211> 330

<212> DNA

<213> Homo sapiens

<400> 24601

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gtatgaggcc	ctgacctgag	ccccctgagg	aggcaggagc	aggcagacgg	gcctatctgg	120
aatgggggct	tggggcctta	tttggggccat	ctccctaagc	aatccccttc	cttcctgggt	180
gaccttagct	gtgggtctgg	gatctcttcc	ttgggtgggt	aaaatgtgaa	agctggggac	240
tggtgagagg	gggacccgga	agtcaggagc	ttgggttccc	tgctctgca	gggaactccc	300
agagccgagt	cccccatgag	caggcaggac				330

<210> 24602
 <211> 104
 <212> DNA
 <213> Homo sapiens

<400> 24602						
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ccttttaaaa	ccctcagatc	ttgtgagact	tattcacgac	catc		104

<210> 24603
 <211> 112
 <212> DNA
 <213> Homo sapiens

<400> 24603						
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atgctggcat	tggaggtgtg	gtggagggat	cacagggtgc	actcacactg	gc	112

<210> 24604
 <211> 432
 <212> DNA
 <213> Homo sapiens

<400> 24604						
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aggacaaagt	tttaaaagcg	tattttaaactt	gatgttttct	atcagcataa	ataaaatggg	120
catgaatagt	cattaaaaac	agttgccagt	gataatctgc	atgaaggaaa	aagaaccctg	180
caaattggcta	ttgagttgga	agtattgttt	ttgatatgta	agagatattc	agaatgctca	240
caactgraaat	gcctcaactt	tttaaagtgt	aagaraccac	catgagtggg	gtctagattt	300
ctaattgmaga	atcatgatac	agtttggatt	aagtatcttg	gactggtttt	aaacagtgct	360
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tgagtagaca	tt					432

<210> 24605
 <211> 237
 <212> DNA
 <213> Homo sapiens

<400> 24605						
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tagctggagc	tacaggttat	ctgccaccac	actcagctaa	tttttaattt	tttagaaaga	120
cggggctctc	ctgtgttccc	caggctggcc	ccaaactcct	gggctcaagc	aatcctgcct	180
tacctcccaa	agtgtctggga	ttacaggtgt	gagccaccac	atctggccca	agtcacc	237

<210> 24606
 <211> 367
 <212> DNA

<213> Homo sapiens

<400> 24606

cctttaaaat	cacaatgttg	tgtatttggg	ttgtattgct	ctggttcctc	acagaatttt	60
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gaggccaggc	acagtggctc	atgcytgtaa	tcccagctcc	ttgggaggct	gargcagggtg	180
gwtcgcttga	gctcagcagt	ttgagatgag	cctgggcaac	atggcaaaac	cccactctcta	240
cwaaaraata	caaaaattag	ctgggtcatgg	tggtgcgcgc	ttgtagtccc	agctactggg	300
gaggctgarg	tgggbnnga	at	cgcgtagagc	ctagagatgg	aggttgcagt	360
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<210> 24607

<211> 206

<212> DNA

<213> Homo sapiens

<400> 24607

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aatcaattga	ggtcagcagt	ttgtatgaga	catagcttcc	tccatttgcc	cccactcctt		120
tttycttttt	taagttttra	gatgcttck	gtgtttttwat	gtwagaattg	tkgthctcct		180
tctttttctt	ttcctatacc	tcata					206

<210> 24608

<211> 155

<212> DNA

<213> Homo sapiens

<400> 24608

acataactgg	gggtgtggag	agcgcctcat	tgccactgca	gtgrctaaag	ctgggaagac	60
gctggtcagt	tcacctgccc	cactggttgt	tttttaaaca	aattctgata	caggcgacat	120
cctcactgac	cgagcaaaga	ttgacattcg	tatca			155

<210> 24609

<211> 254

<212> DNA

<213> Homo sapiens

<400> 24609

agttcttgcc	tytctgaaga	tggcggcast	atgccatcca	sgactcccag	gccccagtc	60
tcagctctgg	gggtgagagt	tccccctcca	gccccgcaca	caactgggag	atgaattacc	120
aagaggcagc	aatctacctc	caggaaggcg	agaacaacga	caagttcttc	accaccccca	180
aggatgccaa	ggcgctggcg	gcctacctct	ttgcacacaa	tcacctcttc	tacctgatgg	240
agctggccac	acgc					254

<210> 24610

<211> 90

<212> DNA

<213> Homo sapiens

<400> 24610

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<210> 24611

<211> 432
 <212> DNA
 <213> Homo sapiens

<400> 24611
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 catttaagtc tttaatccat cttgaattaa tttttgtata aggtgtaagg aagggatcca 180
 gtttcagctt tctacatagg gctagccagt tttcccagca ctatttatta agtagggaat 240
 cctttccgca tttcttggtt ttgtcaggtt tgtcaaagat cagatgggtg tagatgtgtg 300
 gtattatttc tgaggggtctt gttctgttcc attgggtctat atgtctgttt tggtagcagt 360
 accaggctgt tttgggttact gtagccttgt agtatagttt gaagtcagggt agcatgatgc 420
 ctccagcttt gt 432

<210> 24612
 <211> 356
 <212> DNA
 <213> Homo sapiens

<400> 24612
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 ctctgtgggt aggtgggtcac acttggcatc tgcagcattg acgtggcccc gctgggtgcc 180
 ttgagcatgc cctcttctct ctctgcaatt tgaatcacca ccgtgcccct tccaccactg 240
 ttcccatgc aaaagctctg cttccagcag cccccactga ccgctctctg tgtggagcaa 300
 agtgctgtcg tgcggtgacc accagggtgaa gagcagcttg tattcagaca tctaga 356

<210> 24613
 <211> 183
 <212> DNA
 <213> Homo sapiens

<400> 24613
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 tatggagaaa gagaaagaag gaagggattg gatgctctct tcttctcag gattctgggc 120
 tgtctctga tctcttgaa atgagttggg tgtgttagac ctttccagtc aaaagggggc 180
 ggt 183

<210> 24614
 <211> 418
 <212> DNA
 <213> Homo sapiens

<400> 24614
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 ccagatcaga ggcaaatggg gcaaaagtta atgagcacgg ccagaaagat gctcccttgc 180
 aggccgagga caggttggtta agcgcasaaa catggttcca gcattgtaca ttatttaatc 240
 caaagacgcc tgtrgcckgt cggatgcggc ccacatcgag agcctgcagg agaagtcgca 300
 gkgcgcactg gaggagtayk tgaggagcca gtacccaac cagcccagcc gttttggcaa 360
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<210> 24615
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<212> DNA

<213> Homo sapiens

<400> 24615

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tcacagtga	aagccaaaga	agtttccctg	tggctttgtc	aaggagagga	gaagagtaac	180
acttttgaaa	tatgctcaaa	gtattcacca	tacagatgtc	atacattttg	tggtaaaata	240
attgactaga	gtcttatgtc	acatgggacm	maggcattgtc	cccaatccca	gaccccttcta	300
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<210> 24616

<211> 448

<212> DNA

<213> Homo sapiens

<400> 24616

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gatgatgcat	caggaaaatt	ggagtcaaaa	tatcccatgt	acagatgctg	agtccatcaa	180
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caaggataaa	gggcaatggc	gttgctgcag	aggacagaac	ggcatcact	tcggctctac	300
ctgagttaac	tctcaaagac	tatggaaaat	aactttatct	ttaaaaggca	gccaaaggaaa	360
atatttttaag	tagggggmtg	tgattaatgg	aacrtgtaga	gccctcaata	tcanattact	420
ggtttgctgt	tgaccctgtg	tttgggtt				448

<210> 24617

<211> 128

<212> DNA

<213> Homo sapiens

<400> 24617

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ccctgcaa						128

<210> 24618

<211> 376

<212> DNA

<213> Homo sapiens

<400> 24618

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aaggataaaa	ataatttaga	agtgaatgtt	tttctgtacc	atctatgtgc	aattatactc	180
taaattccac	tacactacat	taaagtaaat	ggacattcca	gaatatagat	gtgattatag	240
tcttaaacta	attattatta	aaccaatgat	tgctgaaaat	cagtgatgca	tttgattatag	300
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<210> 24619

<211> 283

<212> DNA

<213> Homo sapiens

<400> 24619
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 aatacattat ctaatcatta caatatcaaa ggaaagtatt attctaaaag gagaactacc 180
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<210> 24620
 <211> 309
 <212> DNA
 <213> Homo sapiens

<400> 24620
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 gataactatg tgcctctggc aggggaatcc tgctaaacgg ttaaccatga ggtgcctagc 180
 gtgcattcat aatgaaagggt gcaaaatgcg ggtgacttta cagtcataaa gtaattcaga 240
 agargcagcc agccctggca atgttgtggc atgctacagt gtgttaacag aggwkgagga 300
 agaggggag 309

<210> 24621
 <211> 138
 <212> DNA
 <213> Homo sapiens

<400> 24621
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 aatattagac ccagagat 138

<210> 24622
 <211> 240
 <212> DNA
 <213> Homo sapiens

<400> 24622
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 aattctcaat ttttgagaaa agacaaaatg tttgtcgtta cagttttggt gttgctgccc 180
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<210> 24623
 <211> 292
 <212> DNA
 <213> Homo sapiens

<400> 24623
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 tgtactaatt cataatgcc acaatggtgt acgaggggtc tgctttctcc acatcctcac 180
 cagcatttct taatgcctgc catttggtgata aaagccattt taactgaggt gagatgatac 240
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<210> 24624
<211> 373
<212> DNA
<213> Homo sapiens

<400> 24624
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agctaatttt tgtattttta gtagagacgg ggtttcacca tgttggtcag gctgggtctcg 180
aactcctgac ctgtgatct ggccgtctgg gcmteccaaa gtgctgggag gcgtgagcca 240
ccatgcccg ccagtgaaca ctaacgtctt acgaggtatt tatgagakra aagcttaawa 300
ttgcaaaaag tccatgcaga gccctcattc ctgcgaacac attgggctga ggccactgtc 360
taattgcagt tta 373

<210> 24625
<211> 170
<212> DNA
<213> Homo sapiens

<400> 24625
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tggtttcaaa atttagatat aagwkggggg aaaaatggaa ccagggcacc 170

<210> 24626
<211> 404
<212> DNA
<213> Homo sapiens

<400> 24626
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gagtttagagt atggccagtg atctttggaa tttttgcctg gaggggcctc agagaaatgg 180
cctcttctta cagtgtcagg aagatgcctg gatacttcag gcaacctgag tttagaattt 240
ttgcctgggg agacatttga aaaggtcttg cacttcacca agttcagagt acatgaaagt 300
gggattttatt tcgagttggg aatgaaagag gaagaaagca agaaaggaaa gtgggcttct 360
tagggtagta gtcaaaggta caaattgaga mgtaaccacg ctca 404

<210> 24627
<211> 172
<212> DNA
<213> Homo sapiens

<400> 24627
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aaagaatata ccataaaga actcagctat tttgcagtaa agagaagaac aaaatgggta 120
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<210> 24628
<211> 170
<212> DNA
<213> Homo sapiens

<400> 24628

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gaattctccc	ttccacacct	gcccacctca	cctcactgca	ccacaccctc		170

<210> 24629
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 <212> DNA
 <213> Homo sapiens

<400> 24629	
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ttgcgtcacg	gagctgttag
t	

<210> 24630
 <211> 348
 <212> DNA
 <213> Homo sapiens

<400> 24630	
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agggaagaaa	cttgtctaa
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<210> 24631
 <211> 330
 <212> DNA
 <213> Homo sapiens

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taaagaactg	tattcggctg
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<210> 24632
 <211> 325
 <212> DNA
 <213> Homo sapiens

<400> 24632	
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<210> 24633
<211> 133
<212> DNA
<213> Homo sapiens

<400> 24633
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agaaagtgt cagcctcttc agggagaaat ctgcactggc ctcagctgtg tagtgagtat 120
tttttttttt ttt 133

<210> 24634
<211> 147
<212> DNA
<213> Homo sapiens

<400> 24634
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tggttgccata aaataacacc taagcatata ctattctatg ctttaaaatg aggatggaaa 120
agtttcatgt cataagtcac caccaaa 147

<210> 24635
<211> 256
<212> DNA
<213> Homo sapiens

<400> 24635
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atgcatggat ttcaaaatgt ttttacacca aaataaactc atactaactt gttataacat 180
gtatgaacag gatctagttt gaggtactaa aaagaataag acatatgttt gaaaagagcc 240
cctatcagag caacta 256

<210> 24636
<211> 165
<212> DNA
<213> Homo sapiens

<400> 24636
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tgagggatgc caaatccag tgcatgtgt aacacaggct atttttcacc tccaacctct 120
aatatccttt ctttctttct ttcctttttt tttttttttt ttttt 165

<210> 24637
<211> 370
<212> DNA
<213> Homo sapiens

<400> 24637
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acagtaagtc ctgttttttag agagccctac acaaggaagc atgayaaatc ctgttgagat 120
cccattctcag tattkwatca ttccttataa gtcccagtta gtgcttatct taatattatt 180
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atgccacgat

370

<210> 24638

<211> 404

<212> DNA

<213> Homo sapiens

<400> 24638

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agtaactgca	gcctcgaata	tctgagctcg	ggagattttc	ccacttcagc	ccacattgac	180
ctgagtggct	gggactacag	gtgcatgcc	tcacgccag	ctaattttta	agttttttgt	240
agaggtgaag	tctcagtatg	ttgcccaggc	tggtctcaag	cttctaggca	caagctatcc	300
ttcctttggc	ctcccagagt	gctgagatta	tacacatgag	ccactgtgcc	tggtcacaaa	360
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<210> 24639

<211> 232

<212> DNA

<213> Homo sapiens

<400> 24639

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aactgtatat	ttttgaggaa	ctgccaaact	attttccac	gtccatgcac	catttcacat	120
tcccaccagt	aagtaagagg	gttccaattt	ctgcgcattc	ttgccaacac	tagttattat	180
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<210> 24640

<211> 93

<212> DNA

<213> Homo sapiens

<400> 24640

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<210> 24641

<211> 193

<212> DNA

<213> Homo sapiens

<400> 24641

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aggctgtgga	acaatcagcc	catctctttg	tgacctggag	cagtcagagg	gccctcagtc		180
accccgcccc	att						193

<210> 24642

<211> 234

<212> DNA

<213> Homo sapiens

<400> 24642

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taagactcaa	gtttacttgt	cctcctataa	ctgttcagtt	agaaaaaatt	tcattcttaat	120
tttccataaa	gttacatatt	ataaaacctt	gagctttgag	aaatttttga	tacccaaaata	180
atgctattat	tcgtcgttat	cttcattttc	aagaacaata	cttggccagc	agca	234

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 <212> DNA
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tgaaaagcgc	tagctatcat	gtgtagtaga	tgcattcattt	tggctcttct	tacattttgta	180
aaaatgtaca	gattaggtca	tcttaattca	tatttagtgac	acggaacagc	acctccacta	240
tttgtatgtt	caaataagct	ttcagactaa	tagctttttt	ggtgtctaaa	atgtaagcaa	300
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 <212> DNA
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ccttttttta	taattacagt	tacttattag	gctgtatgaa	gttgtttgac	accccaaata	180
tgtgtttcct	cttttcccc	ccatcatttt	ttttctctat	ttttaaat	tggataattt	240
cctgtgtctg	atctgttaga	cgttttatat	ctccttgctc	ttacttaaan	kstataggtt	300
ttcttcagct	ttcttgaaca	tagtagtctg	tttgacttat	ttttctcttc	cttatggatt	360
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<210> 24645
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 <212> DNA
 <213> Homo sapiens

<400> 24645						
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cacatttggt	aagagaagtc	cagkdtacac	atttagggcc	atggaatagt	attttgtaa	180
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tctaaggggt	tgatgggaga	aataatttaga	tgtaccctgt	taacagccag	tcattttgat	300
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<210> 24646
 <211> 150
 <212> DNA
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<400> 24646						
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004220" 00667360

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 <212> DNA
 <213> Homo sapiens

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 attcacaagg ttgtgcatcc atcaccacaa tcaattttac aacatgctca tcatcccaaa 240
 ccga 244

<210> 24648
 <211> 408
 <212> DNA
 <213> Homo sapiens

<400> 24648
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 gctacaaaac tgtattattc ctaaatggat aaccaggtag gattctaact ggcattattg 180
 tatgcttaag attgatttaa caacagctat tcccagtaag gaaattttta aaatcagatc 240
 cagttacatg tattatgatt tttctacctt atggactatt ttggagggat aagctattaa 300
 gactaagact atgaatgaga gttggggaag gagaggaagg gaggaacctg cacaccacat 360
 tggaacctgc acaccacatt aacacaaagg cratcttctg gctcgact 408

<210> 24649
 <211> 263
 <212> DNA
 <213> Homo sapiens

<400> 24649
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 ttgcacagtt ttttgtctct ctttttasaa ctattaatgt ttgctttata tatttagggt 180
 ctccaatggt gagtgcatta ystatttaca attattgtat tctcttggtg tactgacccc 240
 tttattatta cataatggcc gac 263

<210> 24650
 <211> 203
 <212> DNA
 <213> Homo sapiens

<400> 24650
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 tatttttctc ctctctggga acg 203

<210> 24651
 <211> 369
 <212> DNA
 <213> Homo sapiens

<400> 24651
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taatgcatac tttttgatct attatgatgc atactgtgaa tattctgccc accaataaat
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300
360
369

<210> 24652
<211> 163
<212> DNA
<213> Homo sapiens

<400> 24652
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163

<210> 24653
<211> 136
<212> DNA
<213> Homo sapiens

<400> 24653
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136

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<211> 409
<212> DNA
<213> Homo sapiens

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tggtcttgct tcatggacaa gaggcagcca gagagagtgc cagggtgccc tggctgagc
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300
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<210> 24655
<211> 204
<212> DNA
<213> Homo sapiens

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tccaagtcag taaatatgca gcttatttat tctaattgct gcataatagt cctataatgg
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<211> 171

<212> DNA

<213> Homo sapiens

<400> 24656

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gccatgcagt gatgaaggga	gagattggag tgatgcagct	gcgagccgag a	171

<210> 24657

<211> 107

<212> DNA

<213> Homo sapiens

<400> 24657

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gcgctctcgc tgatttcgcc	cacccaccty yctccacccc	gtgccaa	107

<210> 24658

<211> 119

<212> DNA

<213> Homo sapiens

<400> 24658

tctaagatta agactcttct	gggatctctt ggaatgttag	cccatctgc taacctcttc	60
ttgatatgag gaggtctggt	ttttgacagg agtdctttag	agggggaata gtggaagaa	119

<210> 24659

<211> 113

<212> DNA

<213> Homo sapiens

<400> 24659

taaaaggtgg tcggacacaa	ttttgattcc aaaaggtcct	gttakaaaga aaagagagaa	60
catatttata ttacctccc	tcccctttat acttattata	ttaccctcc caa	113

<210> 24660

<211> 189

<212> DNA

<213> Homo sapiens

<400> 24660

cagaccatga acttgagtg	aatttctttg gtacttacca	ggttccctgt tttaaaatat	60
acgaacatgt acattggtga	cctttccagt gatggccagg	gagtgacaat gaagagctat	120
agtctgtagc tcttaatctg	tgtgtacact gggcagggca	tcattctgttg gtttctgaaa	180
ggaggaggg			189

<210> 24661

<211> 302

<212> DNA

<213> Homo sapiens

<400> 24661
acaggaaaac cyagaagaaa tggataaatt atacatatac actattaaca ctgaatgaca 60
aatagaaaat ctgaacagac taataatgag tgatgagact cagtcaggag taagaagcct 120
cctaacaaaag aaaagtccag gactgaatga cttcactgcc aaattctacc aaactatcaa 180
agaagaacta atactagtgc tcctcaaaact gtcccaaaaa catgaggagg aaggaattct 240
ccttaactaa ttttgtgggg ccagcactag cctgatacca aaaccagctt aggacacaac 300
at 302

<210> 24662
<211> 238
<212> DNA
<213> Homo sapiens

<400> 24662
acaaatgaat cyytccattt ccaccacctg ctccctagtt cagactcccc attatccccg 60
tcttctctga tgtttcccca ctccattcct gctttgatca tatcatcttc ctgcttcaaa 120
acattcatca cctcaccatg cccttgaaaa tgacgctcaa aaatctcatt ttggctctga 180
agacctttta taattattcc cccaattttac ctttccaagt ctgtdactct attcccca 238

<210> 24663
<211> 240
<212> DNA
<213> Homo sapiens

<400> 24663
caagtaaata mamatacatt aagagatagt gttttaagt acatgwyagc ttatagttgt 60
tgtatattgtc cagacagaga gcataaagg agagcatgca kagaagtctt cactggccga 120
actggaacbt wttttttacc tccaaagata agcagcggtt gaaaaaagt gagttggaag 180
ggcatttcag gcttagagaa tcacacaggt gaaagttgag agtgagagag cacggcgcct 240

<210> 24664
<211> 134
<212> DNA
<213> Homo sapiens

<400> 24664
gcaacttatt gttcagaatc actcacaaat gggaaatctg atataaggac aaaatgggag 60
cactgtggcc tattttttaca acttttgtgt acatctgcaa ttgtttcaaa ataaaatgtt 120
taaaaggaw aatg 134

<210> 24665
<211> 188
<212> DNA
<213> Homo sapiens

<400> 24665
ccactgcaca kaagcctggg gattcttatt gttttgatat ttaaaaattg aatctggccg 60
ggcgtgggtg ctcatgctg taatcccaac actttgggag gctgaggagg gtggatcacc 120
tgaggtcagg accagcctgg ccaacatggt gaaccctgtc tctactaaaa atacaaaaat 180
tagccagg 188

<210> 24666
<211> 179
<212> DNA

<213> Homo sapiens

<400> 24666

taagagtaaa ttgaaatgta gtataagtag ggtacatgag tccttttttt ggctgggtctg	60
tggtgaacaa agacctagta gctgcatgct tggaaagctt tcctgtgttc atgcaatctt	120
cgtccttatt gtagccaggc agctgaggag atatccccta aagaggcgaa ctccccaac	179

<210> 24667

<211> 354

<212> DNA

<213> Homo sapiens

<400> 24667

ttagtttaca ttcttggttc tgcagcctat acaagtttgt ctgcctatat ctatattttt	60
tcctgcctcc aaagcagggtg acacttggtt atttacacag aaatttgtca ggcagttggt	120
tggtaagagg accagagaaa cgcactgggc tggagtctgt gacagagtag agccttgaga	180
gaagtacgtg gggcatggca agcagaaact aaatatgcta tcagaacaag aattttggaa	240
ttagagcaca cagtgggtatt cagcttggcg tccagtaatt agaccattaa ggattggatt	300
gaggctgagg atctagagct ctaaaaatca agtcagaatt tctcttagga gtta	354

<210> 24668

<211> 174

<212> DNA

<213> Homo sapiens

<400> 24668

aacttggtac caaatggaaa gggtttcatg aggtgacagt ggcttttaaa cattcatttg	60
accgattatt ctaattgttc cttgttaaatt cattgcaaca gtkgcatggg ggagaatgga	120
tattttttga agaattgctt attccacttt caatttttaa aaatcgaggg ggga	174

<210> 24669

<211> 192

<212> DNA

<213> Homo sapiens

<400> 24669

gcaacctccg ccttccaggt tcaggcgatt ctctgcctc agcctcccaa gtagctggga	60
ttgcaggcat gcgccaccac acccagccaa ttttgtattt ttagtagaga tggggtttct	120
ccatgttggc caagctggtc tcgaactccc gacctcaggt gatcagcctg kkgtcggggg	180
sssaagtgc tg	192

<210> 24670

<211> 283

<212> DNA

<213> Homo sapiens

<400> 24670

atttacaagc cagccaatga atctgcttac ctgatttgtt ttgtgcagac atacttttaa	60
aactggcaat agtaaagcca tgttacgagc cttaaggaca ttgaagtcgt taaggctcct	120
gagaatggct ataacaaatc ttagtgatgg gaaacatttt tataagacat agctaattgt	180
tgaagctcca ctataattga tactaatagc ttggtgaaat tcctaaatat taacaagaaa	240
ttgcatgcgt gttttgtttt tttaaggac tatggcaagg att	283

<210> 24671

<211> 271
 <212> DNA
 <213> Homo sapiens

<400> 24671
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 tcatctcttt ttgaaccctt aaataaagtg atacttgtct gtacctgcat ttggacagct 120
 aaatgccacc ccaggaaaca actgtggagc agatttatat cactatgaat ccatgggttat 180
 cagcttcaaa tgtagtctca gcccatagt cctactagat ttttctagtc attttaactt 240
 ttccctgcaa tgactatttc aaaccaacat a 271

<210> 24672
 <211> 231
 <212> DNA
 <213> Homo sapiens

<400> 24672
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 ataattcact taagctttga gttcttttgt tgtcccttcc ttggaactgg tgcacaggta 120
 agtgtctatc aaaggatagt ctaggctccc agctgctagc caagccctaa ttcatacttc 180
 agtgaacctg agtgttgcc a ccttgactct ggcaactaca aacaccaccg c 231

<210> 24673
 <211> 190
 <212> DNA
 <213> Homo sapiens

<400> 24673
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 atcacaccat tgcactccag cctgggcaaa aagagcaaaa ctctccctaa aaaaaaatg 120
 tagawtatct cttasattt ccgttatggt aaaaaccata tgcaataaat acctcattgt 180
 argcstaccc 190

<210> 24674
 <211> 349
 <212> DNA
 <213> Homo sapiens

<400> 24674
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 tcagcaatct gtattctctc aagccctcca ggtaattctg atgcatgttc aagtttaaga 120
 gcagatggta taaaattatc actctagagt ctagattttt ggtgtgagtg ccaaaaaataa 180
 tggcttttagg cataattgat atgtagatct ttctgataat attaaactaac agtttcagct 240
 gcttttttaa gttgtttttt gacaagagaa gaatattata agcatgtaag atcatgcttt 300
 tattcctatt tggtgtggca ttttaattgat ataaacactg gaccaaaga 349

<210> 24675
 <211> 320
 <212> DNA
 <213> Homo sapiens

<400> 24675
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 gaaccagttt ggcgtctggt ttgtctgttg ttttactgct gaccttcaaa tcaactttta 120

cccctgacct ctggaggcat ctatcatgac aagaggctgt ktaacacaar tggtgcccat 180
 ttatagggga agagactctg aagatttcct ttttatgamg aatttagttt ttcacccctc 240
 ttttctcagt caccacaggt gaaatccctc tcagcagckg gcttatgaaa taatgtgaag 300
 ggaggcctta atgagcagca 320

<210> 24676
 <211> 292
 <212> DNA
 <213> Homo sapiens

<400> 24676
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 caaagtatff taagggaagc atgtgttata atcagcagaa cccttttagg aaagaaacca 120
 tgatgcagaa caagcgagtc carsccatgg cccatgagcc tcatgcagcc cagatggctt 180
 tgaattaagc ccaacaacat gttgtaacct ttcttaaaat attgtgrgat tcttttgtga 240
 ttdttktttg tgagtktgtt ttttaagckta tcagccattg ctagtgtag ta 292

<210> 24677
 <211> 193
 <212> DNA
 <213> Homo sapiens

<400> 24677
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 aaccagagaa agacagtaca aaaaaagaaa actacagacc aatatacttc atgaatatag 120
 atgcaaaaaa aatttaacca aatattagca aataaaattc agcaatgtga mmaaaagrrt 180
 tataccat gaa 193

<210> 24678
 <211> 74
 <212> DNA
 <213> Homo sapiens

<400> 24678
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 cattatgcag atga 74

<210> 24679
 <211> 131
 <212> DNA
 <213> Homo sapiens

<400> 24679
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 gctcaagcaa tactctgtct tcagtctctc aaagtgttgg gattacagggc atgagccacc 120
 actcccggcc t 131

<210> 24680
 <211> 318
 <212> DNA
 <213> Homo sapiens

<400> 24680
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aaatagttga attattagac ttttaataaa cttggtctta tatgttcttt tgagggcttt	120
gagtgtttta tgtcactaat tcagcaacct accattactt attatttttg acctggtaga	180
agccacaagg atgagttaac tgtcctttct tctttaagga atttagagta ttgtagagga	240
gatacacaac agtggcaaca attcaagaca gaatagcatg gttttgataa gagcagacaa	300
ggatgcaaag gaggagat	318

<210> 24681
 <211> 278
 <212> DNA
 <213> Homo sapiens

<400> 24681	
acagtataca tatgtttvct gctaatttaa aatgaaaatc tcaaaatgac atatacatat	60
ttaccatgaa ctattaatag ttaattggta agaagatgta aatgttttcc attggaaagg	120
taatatacag acgcactagg agtcaaacca tgttaaagag catttgtaga aacagctaag	180
tcttccaccc ctatcatcaa ctctgggttc ctttccccac aggcaactgc tattatgcta	240
aattattaca tattctttcca gaaatatttt atacaggc	278

<210> 24682
 <211> 165
 <212> DNA
 <213> Homo sapiens

<400> 24682	
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ttctttttaa ttattaaagt gtcttttata cttttatgaa atcattggta gcccccaag	120
tgtttaataa ctggcattaa gcttagaggg tgaaaaaaaa aaaaa	165

<210> 24683
 <211> 375
 <212> DNA
 <213> Homo sapiens

<400> 24683	
cacttaatta gtaaattgga gagctaagat tagaacccaa actttccata ccttgttgtc	60
ctttcctttt mmgtgcatta agtacacagt tggttttaat tagatcagcc ttggtagtt	120
cacatgtaga gaacattcga gaactctgca atgcattttg aacttgtgcc tattattgaa	180
atatgtacaa tttgccctcc ttcctactgt tccattccaa acttccactt ttgtctcatc	240
ctcatcttag ttttcagtaa taatgaaaca gcttaagctg tattcttcnn naaaataact	300
ttatctcact acaacaacag caggatattt gtaatttaac cctattttga aatcttgatg	360
tttaatatatt gtata	375

<210> 24684
 <211> 252
 <212> DNA
 <213> Homo sapiens

<400> 24684	
tatttcattc cacacaagtc taacagagaa caahaagcca cactaaatca tactaaatta	60
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tgtaggggaag agaaaggcca gaggactttc acatattcag gaaatgtgct tagacatgca	180
tttattttct ttgctttgtt tctttttaaag attcacaagc ttttgtgagt gtattacagc	240
ggactggnet aa	252

<210> 24685
 <211> 201
 <212> DNA
 <213> Homo sapiens

<400> 24685
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 gtgaagacat attaaatatg agacaccagg acttgaaact tatctcaacc cgtagatgtc 120
 ttacaagtct tatatttttg tcttactttt tttttctttt ggatgttgat aaaggtttaa 180
 gttactgttt tagatggggc a 201

<210> 24686
 <211> 126
 <212> DNA
 <213> Homo sapiens

<400> 24686
 taaaaacaac ttgaccttg aaacgttaat aaatggattt actttgctaa gatttatggc 60
 aagtgtcaaa aatagtatct gaagatactg aatcatcatg aaatgaactc tacttctggc 120
 caaagc 126

<210> 24687
 <211> 100
 <212> DNA
 <213> Homo sapiens

<400> 24687
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 tgtaaataatt ttttagtgga atatgtgctt tttttttttt 100

<210> 24688
 <211> 184
 <212> DNA
 <213> Homo sapiens

<400> 24688
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 acataggatc agtgcaagta atgctgtatg tgctccactg acctgggttc caggggaccc 120
 ccggagaccc tacccaactg atttagagat gagaagtggg ttactgggtc agatgaacaa 180
 tcct 184

<210> 24689
 <211> 146
 <212> DNA
 <213> Homo sapiens

<400> 24689
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 aaagattaaa gactcathtt ccagagaggg catgtggcaa tttcttggca ctaaccgcaa 120
 tgagataaaa aatggcacta tccttc 146

<210> 24690
 <211> 201
 <212> DNA

<213> Homo sapiens

<400> 24690

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gtgaagacat attaaatatg agacaccagg acttgaaact tatctcaacc cgtagatgtc	120
ttacaagtct tatatttttg tcttactttt tttttctttt ggatgttgat aaaggtttaa	180
gttactgttt tagatggggc a	201

<210> 24691

<211> 120

<212> DNA

<213> Homo sapiens

<400> 24691

atttacaagg aacgaagggg ccaactgactc agagcggcaa gtacagcgag tagtccgaga	60
gcgcccaccg gcgggcgggg cggtgtgtac ggccgatcat gggcagtttc tgcacgtagc	120

<210> 24692

<211> 273

<212> DNA

<213> Homo sapiens

<400> 24692

aaagaagatt caggagaaaag tcaaaaccca attcaagtat tctaagtgat acaaaaatgt	60
aaagagacca aattttattga ctcatgaca tccctgaaag agagggggag aaagcaaaca	120
acttgaaaac catattggag gatgtgatgg ttaatatcga gtgtcaactt gatttgattg	180
aaggatgtaa agtattgttc ctgtgtgtgt ctgtgagggt gatgccaaag gagattaata	240
tttgagtcag tggacaagga aaggcatacc cat	273

<210> 24693

<211> 68

<212> DNA

<213> Homo sapiens

<400> 24693

gcattcttca agacatctgt tcacacagaa gagctagggtc ttttaaaawa gctaggtctt	60
tcaaaaaa	68

<210> 24694

<211> 155

<212> DNA

<213> Homo sapiens

<400> 24694

aggatcgctg ggaaaagtct tggactgagg agtcctaaaa aggaagctgt ggcgctgcgt	60
agggaggag ggaagaaagt aggtctccga gatgctgcgg cttgtggtgc agtcggccaa	120
gattgacca ccaactagccc cactacccag gccaa	155

<210> 24695

<211> 197

<212> DNA

<213> Homo sapiens

<400> 24695

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 cccgccccct ctccctgcgg cccatgccac aggtttctgt gttttgcttt agggacagaa 120
 ccacttagga aggaaagaac tcccgggtctc caggggtgga tttcagtgtc tgtgataatg 180
 tcacgcaaca cctcttc 197

<210> 24696
 <211> 220
 <212> DNA
 <213> Homo sapiens

<400> 24696
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 gahaggaaag ytaggaaatc tgaatcacat ttacatttat taaagtttac tactactgct 120
 ttgtagaaca ttcttgtgtt tcaatgtgtg gttagaagag tgaaaatatg tttggtttat 180
 tgccatggcc tgttaggagg agtcaatact cacgggcaga 220

<210> 24697
 <211> 86
 <212> DNA
 <213> Homo sapiens

<400> 24697
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 ggctgaagct gttgctgggg gccgca 86

<210> 24698
 <211> 137
 <212> DNA
 <213> Homo sapiens

<400> 24698
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 tctctgcart ccgcgtragt cctggccaag gtctggcctc ggaagctacg agctacaatc 120
 ttccttcac cttaccac 137

<210> 24699
 <211> 183
 <212> DNA
 <213> Homo sapiens

<400> 24699
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 actacgttta tttatgtaag atattcacag tgctctagta atttgactca aaattatgca 120
 agtattagta cagtttctca taccaagatc aacaagaatg ccagattgtc ttccccacaa 180
 aat 183

<210> 24700
 <211> 166
 <212> DNA
 <213> Homo sapiens

<400> 24700
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 catatttttaa agtttttatt ttgaaataat gatagatgca tagaggctca caaagaaatg 120

tatggggaaa tgccatgtat tcaccttcca gtcctcag ggttca

166

<210> 24701

<211> 240

<212> DNA

<213> Homo sapiens

<400> 24701

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gagaagtgtk	aggwcttgwt	twagacatca	akdataaaaa	gtgtcaagag	tcaggaaagt	120
ttrracaaag	gtatagaatt	gagaagtggg	aggattcagc	gtgtattttg	aagattcatg	180
ctaaaaaat	tgctggtagg	ttggatgagg	gttatgaggg	gaaagagaag	atgaggtaga	240

<210> 24702

<211> 262

<212> DNA

<213> Homo sapiens

<400> 24702

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agttctgcaa	aatgggagag	tgttcacagt	agaatarctc	agattgattg	aacacatttg	120
aggaagagac	tcctgcatga	gataccagca	tttttataaa	tactttttat	gtacattctt	180
tattttgtca	ttttgtcaac	cctctcccca	agcacatctt	ctttcctttt	acwatgtcta	240
tgtarggaaa	aaaacaaaac	aa				262

<210> 24703

<211> 121

<212> DNA

<213> Homo sapiens

<400> 24703

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ttcctaaacc	agttgaactt	agactgcggc	ttatttttgg	agaaaaatga	aatgccctca	120
t						121

<210> 24704

<211> 198

<212> DNA

<213> Homo sapiens

<400> 24704

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tttaacacaa	attggaattt	gtcctgtgcc	aaagattttt	agttgataga	tatcttcagt	120
atgggccatt	attttctgtc	tctctacata	aggggcctct	ggtactaata	ttcttcacaa	180
agttgttgat	cccgacct					198

<210> 24705

<211> 92

<212> DNA

<213> Homo sapiens

<400> 24705

gttggtttgt	aattataaat	agtactgcaa	ggaataactc	tgtgcaaatg	tgtttttgta	60
ttgttgagg	tggaatttca	gggtaaaatt	ct			92

<210> 24706
 <211> 197
 <212> DNA
 <213> Homo sapiens

<400> 24706
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 tgattaaaaa tcttccagaa ttaatatcc cttttgtcac tttttgaaaa cataataaat 180
 catctgtatc tgtgccg 197

<210> 24707
 <211> 69
 <212> DNA
 <213> Homo sapiens

<400> 24707
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 ttttttttt 69

<210> 24708
 <211> 118
 <212> DNA
 <213> Homo sapiens

<400> 24708
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 tttttttgca gtgctaactt gtctactgtg tattatgaaa attactgtta tcccccca 118

<210> 24709
 <211> 197
 <212> DNA
 <213> Homo sapiens

<400> 24709
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 ccgcctgcct cggcttccca aagtgttggg attataggcg tgascctgc gactggctgt 120
 cttgaatdky ttaggatgtg agcaagaagt agtctacttc agtcactatt tgccttccca 180
 ctcaccacag gbkcct 197

<210> 24710
 <211> 180
 <212> DNA
 <213> Homo sapiens

<400> 24710
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 gatggattgt attttttttg ttcaattttg gcactgtact aggtcgccat gggttgggca 120
 gatcctgaag agaaccaact tgagtctgac agtccttcca gaacacggca cccacctcca 180

<210> 24711
 <211> 132
 <212> DNA

<213> Homo sapiens

<400> 24711

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ggtaagccac ca	132

<210> 24712

<211> 187

<212> DNA

<213> Homo sapiens

<400> 24712

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gaggggaggt ttccatggtc ttttcttttt ctatgattcc ttcctctctt atttcaatat	180
gagcccc	187

<210> 24713

<211> 118

<212> DNA

<213> Homo sapiens

<400> 24713

ataaaaggca tacatctaaa gattagaaga catgatgaaa acatcttcca tcagtgtctat	60
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<210> 24714

<211> 254

<212> DNA

<213> Homo sapiens

<400> 24714

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agagaactgg tggagccttt ctcttactcc caggacttca gcacctaaaga cagctccaaa	120
acaaaccaga acagtcagct ccggggggagc acgactgggc gagaggcaca gaaatggaca	180
ccagaaataa ggcccagctc cttgtgtctcc tgaytcttct magtgtgtctc ttckvacaga	240
cttsggmatg mcct	254

<210> 24715

<211> 360

<212> DNA

<213> Homo sapiens

<400> 24715

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cggccctttg gcaacctgac catcgactta gcagagcctt caaaagcaag chaggggctg	180
gctgcacgac caaagaggcg ccgcgcctct cgtggatgtg tgtgtgtgag tgatccagcg	240
agtgtgtgtg cgtgtgaggg tgtgtgtgtg tatnnstgtg tgcacagcac aactgtgtgc	300
rtgtccnagt gagtgtgcct rtgcatgcgt gagtgtgtgt acgtgtgcat gtgtgtgtga	360

<210> 24716

<211> 249

<212> DNA
<213> Homo sapiens

<400> 24716
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tcatggctca mwgctgcctc attctcctgg gctcaagcag tcctcctgcc tcagcctcct 120
gagtaattgg gactacaggt gtgtgccacc acacctaatt tctattttgt agagatgggt 180
tttgctatgt agcccargct ggtctcaaac tcctgggctc aaactctcct tccaccttgg 240
cctcccaaa 249

<210> 24717
<211> 187
<212> DNA
<213> Homo sapiens

<400> 24717
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gcatgtatgt tcatactacg gtcctggaga gcaccagga aggctgggtga ggaagcaaga 120
tgacatctct ccaaattgat ttcttaattc agaatagtat caaagctaaa gacaataaac 180
tgagtgt 187

<210> 24718
<211> 355
<212> DNA
<213> Homo sapiens

<400> 24718
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atgagaactg tttactctcc aagtggatca gatcatcaca aaatggaaaa gcacgttggt 120
gacctgaaat aatatgaaca aattttaaga caataaacac tttagtaggc taattagtgg 180
taaaatatgc aacacttttt attagtggc taaatgtcat tttgcttgca aatcaattat 240
tcaactgcta tttgataata tggttgcttt attttaccta taattcattt gccattargt 300
aatcaccaaa ctcagtgttt ataaaatagc atatcacaaa cgttacccaa attcc 355

<210> 24719
<211> 395
<212> DNA
<213> Homo sapiens

<400> 24719
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ctrggargag caaaggggtg gggaagaggg aaggtcactt ttctcccagg gagaagtgg 120
ttgtgggttt ctgtgcanha aacctggggc tactctttct tttcgaggaa tttkatctta 180
cattttataa attaagaagt acttgttcat tgttgacagc ctagaaaaca caaggaagca 240
aaagcaaaag caaaaaagtt acttgatatc cccatttta gagatactat tattaacatt 300
ttgggctata gcctttcagc cttttttcwc tatgcacaat ttgwctcrt gtctgcaatt 360
atactataac cttgtddtgt tagctgtttt ttcat 395

<210> 24720
<211> 311
<212> DNA
<213> Homo sapiens

<400> 24720

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cctgtgacac	agtgcattat	ctgttcttgc	atttctatag	cacctctcta	ttgggtttat	180
catcatcaac	aagactactg	tttactgtag	ttcaagtgc	tttctactt	ttgtatttcc	240
aaaaaaaaatt	atcttgtaag	tagcttgtca	tcaatcccct	tgtcgaaaac	tagaaaaaaa	300
ggagttgacc	c					311

<210> 24721
 <211> 332
 <212> DNA
 <213> Homo sapiens

<400> 24721	
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tagattctgc	tatatatttc
ctaacctgaa	gtgtctcctt
tatgggtgctt	cagccaagtgc
atccccatgc	ccttttcctt
ttcatcttta	ctttcatgaa
	tctaagtcct
	cg

<210> 24722
 <211> 261
 <212> DNA
 <213> Homo sapiens

<400> 24722	
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tgatgacat	gatgacacat
ttaatagaga	taaaaaaaaaa
	a

<210> 24723
 <211> 309
 <212> DNA
 <213> Homo sapiens

<400> 24723	
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ttgctctcct	ctgccccgag
cacagttcct	tctctaccac
agccactttc	atttacgttc
cctacagcg	

<210> 24724
 <211> 144
 <212> DNA
 <213> Homo sapiens

<400> 24724	
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aacaactaar	ataaatgtgt
ctgatgtgta	atatraacag

<210> 24725
<211> 215
<212> DNA
<213> Homo sapiens

<400> 24725
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cgccgagggc gcggtacgca aggcctrgagc cgcagcggga rccccgggc ttgtagatga 120
tamtctccaa gctgtaargr agaartcmr gattaaggag amctggactk gagangagcc 180
tttttcaaaa aacaacaatg acaagagaaa atgta 215

<210> 24726
<211> 306
<212> DNA
<213> Homo sapiens

<400> 24726
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ttggtaacgg aaaggaaagg atgtgtcttc caattgagaa acagtgggta aaaactgaaa 120
gtgggcccgg cgcggtgggt cagcctgtga atcccagcac tttgggaggc cgaggcgggc 180
ggagtaactg aggtcaagag ttccagacca cactggccaa catggcgaaa ccccatctct 240
actaaaaata caaaatttag ccgggcgtgg tggcgcacgg ctgtaattcc aggtacgcgg 300
gagtct 306

<210> 24727
<211> 252
<212> DNA
<213> Homo sapiens

<400> 24727
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ctattctagc agcagggagt gctcaactga cgtgggtttt tcacatatat ttaacatggt 120
ttagctcacc tgacttatat attctaaatt agtgattcta acttaatcag ttttttaaaa 180
ataggctatc attatagaaa tatccacttt gaaaataggc acaaggtatt cagtttctct 240
ttatgcacag ga 252

<210> 24728
<211> 313
<212> DNA
<213> Homo sapiens

<400> 24728
gatagataga tagatagata gagaaatgag aagggtttctc ttttgcaata gaacgtcatg 60
gaccagtgtt aaatgtgagt ggaaggagt ctggaattgg aaaaccatca tttttcaacc 120
atcacagtaa atatggctca ggcaagaatt atcaatcaat gctaaagcta gggggaaatt 180
tcgcttagga gcaggatatt aggtatttag tctgggctta aagtatctcc tcacagattg 240
ttgttagttt ctgggggaaag aatagtaacc atgcaatgga aaaaaatgga caacctcttg 300
actaggttat caa 313

<210> 24729
<211> 280
<212> DNA
<213> Homo sapiens

<400> 24729

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gtttgtcaga	gaaagtcttt	atttctcctt	catgcttgaa	ggatgtttcc	accggatata	120
ctatcctagg	gtaaaagttt	ttttccttca	gcactttaaa	tatgtcatgc	cactctcttc	180
tggcctgtaa	ggtttttact	gaaaagtctc	ctaccaaaaca	tattagagag	caccattgta	240
tgttatttgt	ttcttttctc	ttgctgcttt	taggatcccg			280

<210> 24730

<211> 327

<212> DNA

<213> Homo sapiens

<400> 24730

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gtavtakatt	ttcwaccatc	tagaggtgga	ataatattta	ggacacagga	gttagttggg	120
agattaataa	atactttatg	aatacaacaa	tacttcaaac	attaggcctt	ctagagttaa	180
tctaagatat	ttggggccat	acctaggcat	tgctatgggtg	gtttgttgct	agcctgttca	240
cttagtcatt	aaaacaattt	acctttttca	tccttggtat	acattatttt	ctgaatttct	300
gctttaatag	ttaacagtag	gccccag				327

<210> 24731

<211> 146

<212> DNA

<213> Homo sapiens

<400> 24731

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gggttggctc	ttctcaagga	gtatttttgt	ggtgttctct	gtatttcctg	aatttaaagt	120
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<210> 24732

<211> 233

<212> DNA

<213> Homo sapiens

<400> 24732

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tcagggttag	atttgtagaa	acaagaagag	ctgagacctg	gctacttggt	cagatcttaa	120
accagagatg	tttcagccag	aatgggtgatt	tgtgaatatc	cgaagcagct	tccaagattc	180
taaaaccagc	aatgcttttt	gatgagtcct	ctcatctcca	ccaagaccac	aca	233

<210> 24733

<211> 109

<212> DNA

<213> Homo sapiens

<400> 24733

cttttaagtc	ttttgcctgt	ttttcaaagg	gttgtttggt	ttcttattct	gtgggattgt	60
ttktaadttt	ttgatttkdc	aactttttatt	ttggaataag	agggtatat		109

<210> 24734

<211> 306

<212> DNA

<213> Homo sapiens

<400> 24734

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gtgggcccgg	cgcggtgggt	cacgcctgta	atcccagcac	tttgggaggc	cgaggcgggc	180
ggagtaactg	aggtcaagag	ttccagacca	cactggccaa	catggcgaaa	ccccatctct	240
actaaaaata	caaaatttag	ccgggcgtgg	tggcgcacgg	ctgtanttcc	aggtacgcgg	300
gagtct						306

<210> 24735

<211> 177

<212> DNA

<213> Homo sapiens

<400> 24735

aggtgcaaaa	rttggctggg	tgtgggtggca	ggcatctgtg	gtcctggctg	ctcaggaggc	60
tgaggcagga	gaatcccttg	agcccaggag	gcggagggtg	cagtgggccg	ggatcgccacc	120
actgcactcc	agtctgsrtg	ataaaacgag	attccgtctc	aaaaaaaaaa	aaaaaaa	177

<210> 24736

<211> 122

<212> DNA

<213> Homo sapiens

<400> 24736

aaaggaagaa	attaaagagc	ctgaaaatat	taatgcagct	cttcaagaaa	cagaagctcc	60
ttatatatct	attgcatgtg	atttaattaa	agaaacaaag	ctttctgctg	aaccggcccc	120
gg						122

<210> 24737

<211> 359

<212> DNA

<213> Homo sapiens

<400> 24737

tgataaccac	taaagttttg	ttttcaaaat	caaactaatt	cttacagctt	ttttattagt	60
tagtcttgga	actagtgtta	agtatctggc	agagaacagt	taatcctaag	gtcttgacaa	120
aacagaagaa	aaacaagcct	cctcgtccta	gtcttttcta	gcaaagggat	aaaacttaga	180
tggcagcttg	tactgtcaga	atcccgtgta	tccatttggt	cttctgttgg	agagatgaga	240
catttgaccc	ttagctccag	ttttcttctg	atgtttccat	cttccagaat	ccctcaaaaa	300
acattgtttg	ccaaatcctg	gtggcaaata	cttgcaactca	gtatttcaca	cagctgcac	359

<210> 24738

<211> 239

<212> DNA

<213> Homo sapiens

<400> 24738

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aaattagccg	ggcgtgatgg	cgggcgccctg	tgggtcccagc	tacttgggag	gctgaggcag	120
gagaatggcg	tgasctggga	ggcagaggtt	gcagtgcagc	gagatcacac	cactgcactc	180
cagcctgggc	gacagagcga	gactccgtct	caaaaaaaaa	gaaaagaaaa	gagcccttc	239

<210> 24739
 <211> 343
 <212> DNA
 <213> Homo sapiens

<400> 24739
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 caggcttttc agctgmtgga aggaggaata tctagctaaa gtggaaattt aggaaaaaat 120
 tacagtcacg aattgtcaga ratccaagaa cwdcagatgt cattggaagc aatgctttta 180
 tttctcagag aaggcaacta aagcccagag aggtgaaatg tcttaccctaa agccacatag 240
 caagttgtag tcagaatcag ctctagaact gtttcacccg ggagaaccac ctccatctag 300
 tgtttgcgtg taccctcagt tggatggcat tcttgargct cag 343

<210> 24740
 <211> 124
 <212> DNA
 <213> Homo sapiens

<400> 24740
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 aaacatggra ttttctgcag tctatttatg gtggagggcc tgaagttatc ctgcgacccc 120
 cggt 124

<210> 24741
 <211> 73
 <212> DNA
 <213> Homo sapiens

<400> 24741
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 agtagtggca gct 73

<210> 24742
 <211> 356
 <212> DNA
 <213> Homo sapiens

<400> 24742
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 gaacacgcag ctattatgat tgaaaactta aaagggcaac aatttcagtc ttgcttctag 120
 ggywagacag gaacttgga aacatctgtg gcctgttcag caaaggatgt taatatttaa 180
 gaatcttgtc ttgggctggg tgtggaggca agtggatcac aggaggtcag gagtttgaga 240
 ccaacctggc caacatgatg aaaccccatc tctacaaaa aaaatacaaa aatcagctgg 300
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<210> 24743
 <211> 378
 <212> DNA
 <213> Homo sapiens

<400> 24743
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ttttgctatg tagcccaggc tgggtctcaaa ctcttgggct caaactctcc ttccaccttg 240
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ttatttcatt gagtaagtaa gcttttagtgc atatactatg caaaggtcac tgttttagcac 360
tgtagcgag aatacata 378

<210> 24744
<211> 130
<212> DNA
<213> Homo sapiens

<400> 24744
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gccgcggcar 130

<210> 24745
<211> 336
<212> DNA
<213> Homo sapiens

<400> 24745
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tgaaggaccc agcttaggtt ctccactta ggctcaatt cccttccttt tccaggggma 120
gccttagttt cccatggccc tgaaacacac acatttcccc ctccctttcc cagaagccac 180
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agatgtttca ttatcttggg cctgggaaac cacttc 336

<210> 24746
<211> 174
<212> DNA
<213> Homo sapiens

<400> 24746
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ataggggtgc gccttggccg cggccatacc cgcggcacgs ccaagtcctt cagcggcagg 120
gccgagccgc tgcgcaccar cgccttgagc aactgcccc ccacctccac gctc 174

<210> 24747
<211> 121
<212> DNA
<213> Homo sapiens

<400> 24747
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ctgggggggc gttttgtgcc acctgctctg gaaaagaagt accagctgaa cctgccaccc 120
g 121

<210> 24748
<211> 357
<212> DNA
<213> Homo sapiens

<400> 24748

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ggagttcaag	accagcctgg	gcaacatggc	aaaactctgt	ctactaaaaa	tacaaaaaat	180
tagctaggcg	tggtggcacg	cacctgtaga	cccagctact	tgggaggctg	aggtgggaga	240
atcgccctgag	cctggggagg	tgaggctgca	gtgagcccag	atcacaccac	tgactccag	300
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<210> 24749
 <211> 212
 <212> DNA
 <213> Homo sapiens

<400> 24749						
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atttgtttca	gattatgcca	gatactcttg	gtcctgctta	ccttggtaat	tgagggtaga	120
attaagaaag	ttttaggatt	aggaatcatt	cttctaattc	agagagtaat	tagttggaat	180
cacaaaagca	ttaggtgctg	aactgccaga	ga			212

<210> 24750
 <211> 258
 <212> DNA
 <213> Homo sapiens

<400> 24750						
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acagtgacat	atgcctgtaa	tcctaaaact	ttgggaggct	gaagtgggag	gattgcttaa	120
ggccagtagt	tggagaccaa	cctgggcaac	atagccagac	actgtcccta	tagaaaaaaa	180
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aggatcactt	gaggccat					258

<210> 24751
 <211> 172
 <212> DNA
 <213> Homo sapiens

<400> 24751						
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ctgggactgg	tttcagcgag	agcctctgta	ctgctctgta	gtctctgcta	ggacatggac	120
gaaaagggac	gcagccggga	gagcgactgc	cccagggtggg	ggctgggggg	ga	172

<210> 24752
 <211> 176
 <212> DNA
 <213> Homo sapiens

<400> 24752						
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ccagttttgc	tgaactctga	ggttctgtat	gtccaaatac	acttgactct	tgaaccaagt	120
tgggggttag	gggcactaat	tctctgtgta	gcagaaaatc	cacaagtaac	ttttga	176

<210> 24753
 <211> 446
 <212> DNA
 <213> Homo sapiens

<400> 24753

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gcattcttgt	cttattgcag	ttctcagggg	gaatgcttta	aacttttccc	tggttcagtgt	180
aatgttggct	gtgggtttgt	catagatggc	ttttattaca	ttgaagtatg	tctcttgtat	240
accgattttg	ttgagggcct	taatcataaa	gggatgtggg	atgttgatga	atgcttctgc	300
atctcctatg	atgtttgttt	ttaattctgt	ttctgtgata	tatcacattt	gttgacttgc	360
atatgttaag	ccatccctgc	attcctagta	tgaaaccac	ttgatcacat	catggcaaat	420
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<210> 24754

<211> 108

<212> DNA

<213> Homo sapiens

<400> 24754

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<210> 24755

<211> 321

<212> DNA

<213> Homo sapiens

<400> 24755

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tagaggtagt	tttcttgacc	caatactggg	gattagagaa	gagaggtatc	ttggtttttg	180
gtttttttct	ttgatcatta	tgaacattgg	cttttcaccc	ctgaagtga	aatgttgaaa	240
actgagtctt	caggtgaacg	aaccactctc	agaagtgcct	ctcctcacag	gaatgcatat	300
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<210> 24756

<211> 390

<212> DNA

<213> Homo sapiens

<400> 24756

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aaaacagagt	ccagacttta	agaagactct	aataaggagg	acaacaggta	attacaataa	180
aatgtgccct	aacataaaaa	cacagcatat	tgtggaaaca	tttgttgagg	gtgaatatta	240
aatttagcct	gcagaggtga	aggaaagtctt	ccaggaggag	cttagaagga	gttcagaatt	300
tggttgagctt	catgaatgca	gaaaaattga	ggcctcattc	ccctctgcat	ccacactacc	360
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<210> 24757

<211> 201

<212> DNA

<213> Homo sapiens

<400> 24757

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taaattttta ttgcaaattt acttaccaca gacataattt ctgagtcaag tctttcaact 120
 tttcttattc caactacaca aagaaattag tggaactgta gaaaatttac aaaatagagg 180
 aaaatatata aatgggtaaa c 201

<210> 24758
 <211> 160
 <212> DNA
 <213> Homo sapiens

<400> 24758
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 ttgtargrgt tctttacata ttgtgatat taaccctta 160

<210> 24759
 <211> 151
 <212> DNA
 <213> Homo sapiens

<400> 24759
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 ttaaatttat tcataggtac aaacagttgt taattccac agttttactt aatgattttt 120
 taactttatg atagggttta ctggaggata t 151

<210> 24760
 <211> 295
 <212> DNA
 <213> Homo sapiens

<400> 24760
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 caattggaga taattttttt ttgtatttga gacggagttt ccccttgtt acccaggctg 180
 gagtgcagt gcgctatctc ggctcaccgc aacctccgcc tcccaggttc aagcgattct 240
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<210> 24761
 <211> 210
 <212> DNA
 <213> Homo sapiens

<400> 24761
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 ckaccacgcc tggccgaaaa acccactcga 210

<210> 24762
 <211> 119
 <212> DNA
 <213> Homo sapiens

<400> 24762
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cttgagagac taacgagaac ggtccctttt tttcctaac agattccttc cgtggtact 119

<210> 24763
 <211> 110
 <212> DNA
 <213> Homo sapiens

<400> 24763
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<210> 24764
 <211> 211
 <212> DNA
 <213> Homo sapiens

<400> 24764
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 tgctcttctg agtgcattta taacctcata ccagtgact tgaaggagcc tcccagcct 180
 cctaggtaca tatccatttt taaggcaaca g 211

<210> 24765
 <211> 213
 <212> DNA
 <213> Homo sapiens

<400> 24765
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 cttgtgcttt ggctmccaaa gtgctgggat tacaggcatg agccaccata ccgagcccct 180
 agtgaatttt aagtaagatt tgtgtagtgc tgt 213

<210> 24766
 <211> 366
 <212> DNA
 <213> Homo sapiens

<400> 24766
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 tgagcccsat tatcccatcc cctctgtctg gacggtagag cagtctgaat gttcctcact 180
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 ccgaat 366

<210> 24767
 <211> 165
 <212> DNA
 <213> Homo sapiens

<400> 24767
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gagataaggg agaggggaaga ggccatgccc agtttctgat gtggcctggg cgtgaatgca 120
 aaaattgggg tcttctgtgc ttgcaagtg agtgcaccac cgatc 165

<210> 24768
 <211> 183
 <212> DNA
 <213> Homo sapiens

<400> 24768
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 cagttgcctt tagtttcctt taaagatgta aaaatattgt ataatacagt ttgtgcccta 120
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<210> 24769
 <211> 298
 <212> DNA
 <213> Homo sapiens

<400> 24769
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 cgggcactct ccaccgagtc gctgccgtga atcaggttcc tgcgcggaag aggcgcgtgt 180
 gagcgtggga aagagacctc cggcacgctt cagcgccacc aacttgaagc ctttcctctc 240
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<210> 24770
 <211> 328
 <212> DNA
 <213> Homo sapiens

<400> 24770
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 aacttttata cagcagcaca gaaccttcca gccaatatc agcaggcaac ttctggaaca 240
 ttatttacac agacaccctc aggacaatct tcagcaacat acagtcagtt taaccaacaa 300
 agtctgaaca gcacggcacc accccact 328

<210> 24771
 <211> 242
 <212> DNA
 <213> Homo sapiens

<400> 24771
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 ctttgttcaa atttctttta aaaatctgtt aacaggaggt taagtgtgaa tatttcatct 180
 tgttctgtga cagtaaacata gtcattcata gtagagagca gaaaataaaa atatttccag 240
 aa 242

<210> 24772
 <211> 203
 <212> DNA

<213> Homo sapiens

<400> 24772

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tctttatatt	ttctggatac	cagtcttacg	tgagatatgt	tttgtgagta	ttttttccaa	180
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<210> 24773

<211> 250

<212> DNA

<213> Homo sapiens

<400> 24773

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ggattcccc	ggcaaacacc	attctacttt	ccgtctctac	gaatttgact	actcgaagta	180
cskcatgtga	aatgtttggt	ccaaatgaac	ttttctgggt	cttctgaata	tgccactgtt	240
gctggagaaa						250

<210> 24774

<211> 313

<212> DNA

<213> Homo sapiens

<400> 24774

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tgtcttagtt	aaaaataacc	tagaaatata	tttccaagct	ctggctatca	gcctttatca	180
gcttctacac	tggtgagtta	aatgtggcaa	gagacatcca	ctttgcccc	agtgtattaa	240
tgcaggacac	agtctgaaaa	tgcttgagct	tgchtgatat	ttttacaaat	gtttakgytt	300
taaagcccaa	tca					313

<210> 24775

<211> 154

<212> DNA

<213> Homo sapiens

<400> 24775

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ggactgcacc	acagctcgcc	ctctctctgg	ttccgcctrr	ttgcagagtg	agcccatggg	120
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<210> 24776

<211> 224

<212> DNA

<213> Homo sapiens

<400> 24776

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tttrgtcaca	ttgaagatac	agtatttttg	tagtattttat	aaactgwtct	aatgataga	120
ctatagaaaa	cattttttgc	atatgaaggt	aaatcagtc	attatttttg	atcattttaa	180
ctgaacatta	caccttctgg	gctttgattt	atgaagtggc	acag		224

<210> 24777

<211> 267

<212> DNA

<213> Homo sapiens

<400> 24777

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tggagatgta gtggcaggag tagtccaagt atcttacagg agcaaagagg caggggacct	120
aacccttcag gtggtgaaag atgaagagta atgtcaggaa tgacttccta gcagcagaga	180
cacttgagct atgccaacag tgacgaggag ataaccagggt gaggtgtgag aggatgcaga	240
agtgaggagc gcccgagacag agagggg	267

<210> 24778

<211> 87

<212> DNA

<213> Homo sapiens

<400> 24778

caaaagcttt ttattgcttt tagatagact cggaaaaggc taagatgtcc tgggcttccc	60
tgtcaatgtg cttccctgaa gtcagt	87

<210> 24779

<211> 267

<212> DNA

<213> Homo sapiens

<400> 24779

aatcttatat gggrecttacg ataaaaatgta ttgatgttag tgattgtcaa aatagggtta	60
tcatttaaaa aactaggrra ttactaagta taaagaagaa aaaccagtat taattaagt	120
atgagacctg ttcattttgt tttccctgac ttatttccat taccaaacat agtaaagtcc	180
agaaaagatt aaaaaaaaaa ttaacacagc cattccattg ttttttacca catggagaaa	240
ggaccaggct ggaagcatat gtccccc	267

<210> 24780

<211> 86

<212> DNA

<213> Homo sapiens

<400> 24780

ccgtgagggg agcrcaagtc ctgtgtaggc ccagagaagg gaaaaagcct tttttgggcr	60
taagagtgar tggtgmgggt tggaga	86

<210> 24781

<211> 100

<212> DNA

<213> Homo sapiens

<400> 24781

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gtaggcccct ctccttggrt aaccatctct tccctgtgtc	100

<210> 24782

<211> 157

<212> DNA

<213> Homo sapiens

<400> 24782

taatacacaa aacaaaaaga agatacaaaa atgagagctg ggcgtggtgg catgcacctg	60
taatcccatc tacttgaggc tgtggcagga ggaatgcttg agcccaggag tttagacca	120
gcctgggctg acatagcaac accgtctcaa taaaaaa	157

<210> 24783

<211> 210

<212> DNA

<213> Homo sapiens

<400> 24783

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cttgcttggt ataggtagct tttattccat taatagctga aatttagaaa tagttctctt	120
ctctggctag ggaggtgaag tttctgaagg ctaataagtt tatagtctat tatcttataa	180
ctttactcaa caaatattta tgaggcaatc	210

<210> 24784

<211> 137

<212> DNA

<213> Homo sapiens

<400> 24784

taactgtaac aattaataac ttaatctgga cttcagtttt acttacctat tcccctcact	60
cttcattggt acttccaaat gaagttttat gttttaccac cttatctttt atacacaata	120
aattaaaagt cacacga	137

<210> 24785

<211> 198

<212> DNA

<213> Homo sapiens

<400> 24785

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gtcaacttat gtggaacaaa ccacttcaga agtaaagtta gactacttta ctgcattcag	180
aaagaaagtt gggacact	198

<210> 24786

<211> 443

<212> DNA

<213> Homo sapiens

<400> 24786

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aaatacctgt ttcttgggtg aaaaaagcct tttttttag tagtaaatg taaaagcatt	120
gagctataca tagtgggcac taatgattta ttggacagtg tgataaacag tattttttac	180
aaataaattt catcccagta tccttgaatc ctccctcagg aaaccccgag actacctgat	240
aagcagtgat gtgctggagg ccaggataat atgrcaaagg gatctgctga gtccaaaaat	300
aaagcttcat ctatttaarg gatgactagg ctgcawagtt ttcagagrat atttcacamt	360
cgggtctcam ttctctgagc caaacttttc aaatgaagtc ttttgcattt ttcaactttt	420
tttgaaataa tttcaaatct act	443

<210> 24787
 <211> 165
 <212> DNA
 <213> Homo sapiens

<400> 24787
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 ccctgcgatg ggggtcccta gagccagggg gggaagaggg gctggctctc agtctgcgcc 120
 tcgcgaggga tgcctcccc acttgcaatg tgagtcttaa gagca 165

<210> 24788
 <211> 417
 <212> DNA
 <213> Homo sapiens

<400> 24788
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 gaacaccatt ttgaatgtgt atttgagaga aagctcgctt gtgggttttg agttgtgggtg 120
 taatggtgaa catgtagcca cgtgaaaggg cgttgatctt ttgttctgat tcttcagtcg 180
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 agagaaggtc atggggccat ttattctttg gaccactggc tacttctgaa gttctggctt 360
 ccttctctct aggaggagtc gtgtattcag gcttttaagt taaatgcata aaaattc 417

<210> 24789
 <211> 154
 <212> DNA
 <213> Homo sapiens

<400> 24789
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 ttgaactgat gtttgtaagt tacttagtaa taaatcattg agctatgtta tgtatctctc 120
 atatgtatga agatagaaat ttacacccca cgac 154

<210> 24790
 <211> 122
 <212> DNA
 <213> Homo sapiens

<400> 24790
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 aa 122

<210> 24791
 <211> 213
 <212> DNA
 <213> Homo sapiens

<400> 24791
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 aagaaaaatt aagaaagtca agagaggaaa ttcgagcaga aattcagaca gagaaaaata 180
 aggtagtcca agaaatgaag ataaaagaga acc 213

<210> 24792
 <211> 345
 <212> DNA
 <213> Homo sapiens

<400> 24792
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 aagggtgcctg caccatttta catttttcac tgcaatatga ggaaa 345

<210> 24793
 <211> 305
 <212> DNA
 <213> Homo sapiens

<400> 24793
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 cagcg 305

<210> 24794
 <211> 138
 <212> DNA
 <213> Homo sapiens

<400> 24794
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 ggactatgct aggcaaaa 138

<210> 24795
 <211> 321
 <212> DNA
 <213> Homo sapiens

<400> 24795
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 tgggctcaga ggctgacaa taataaaaaac tgacacttgc aaatggatga gaagtctagc 240
 taaaattttt tcaataactg tttgattatg tttamttaca attcaaact aatgttgtca 300
 tcctttaata ttcagctact a 321

<210> 24796
 <211> 313
 <212> DNA
 <213> Homo sapiens

<400> 24796
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aatcaaattg aacagttagg caagaaatat aatattaatc ctgttagcat ggacatttgt 180
aaacaagaag agaagctggg cttcttgggtg gcaaaacagg atcttgtcat cagcttggtg 240
ccttatgtat tgcaccctcw bwgtggccaa ggcctgcac acaaacaaag ttaacatggt 300
cactgcaagc tac 313

<210> 24797
<211> 128
<212> DNA
<213> Homo sapiens

<400> 24797
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cacaccgccg gttgcggcca tcgccggatc ttgtgcattg agtctagatg tttgcagacc 120
tggacaga 128

<210> 24798
<211> 392
<212> DNA
<213> Homo sapiens

<400> 24798
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ataccgtgtg agaaaattct tggccctctt aagagaagaa ggagctagcc cccttgattt 360
tgattgaaaa tgaactatctt gaaacacaca ga 392

<210> 24799
<211> 288
<212> DNA
<213> Homo sapiens

<400> 24799
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ttcaagttac tgtctagtgc cctttcattt cagcttagag aacttcctta actctcttta 180
ccatatcttg taggacatgt atactagtga caatctctct caactttcgt ttatctaaga 240
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<210> 24800
<211> 150
<212> DNA
<213> Homo sapiens

<400> 24800
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gcactttggg nngccamgt gggabgatca cttgmarcca ssagtttgrs ataaaaasta 120
ggatatcagt ctacttataa tcttgcccc 150

<210> 24801
<211> 421
<212> DNA
<213> Homo sapiens

<400> 24801
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ctttattgct ttttttccct tttctcctaa tagcctgtag gtgttaatat aaatgttaaa 120
aatatttgta caggggtgtgc atgtatggc taaagaatta attgttatta acacagcatt 180
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aacagatgct ggtgccgcat tctcggtctt ccaggcaaat tgctattctc tatatttgac 300
cogtagcmtg tagaattgta ttctacccta tgaaaaattt ataatcaact tcttaccydt 360
taaggcacrt agagatgvaa tccagcgcaa atttgatgct cttcgtaaca gctgtactgt 420
a 421

<210> 24802
<211> 188
<212> DNA
<213> Homo sapiens

<400> 24802
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ggtccctctc actaatgttt caacaatagg gaaaaatgag aactatgtgg acacttggtt 120
cattggaagg ttagggggaa taatttctca tctactaggaa tatagacaaa tgactgtctg 180
ggcccgag 188

<210> 24803
<211> 133
<212> DNA
<213> Homo sapiens

<400> 24803
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aaaatgccaa gca 133

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<211> 177
<212> DNA
<213> Homo sapiens

<400> 24804
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<211> 191
<212> DNA
<213> Homo sapiens

<400> 24805
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agtgcgcaa a 191

<210> 24806
<211> 166
<212> DNA
<213> Homo sapiens

<400> 24806
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gggcctttat gcctgcaaaa ctgggacttt tgagtttgag aaacga 166

<210> 24807
<211> 201
<212> DNA
<213> Homo sapiens

<400> 24807
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gagatgttga ggtcttgctc tactgcccag gctggtctct aactcttggc ctcaagtgat 180
cctcctacct tggcccccca a 201

<210> 24808
<211> 121
<212> DNA
<213> Homo sapiens

<400> 24808
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caccagacc cagatcacaa agccaaccat gccagcccc tcccagcacc cccagcccca 120
c 121

<210> 24809
<211> 150
<212> DNA
<213> Homo sapiens

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ggatatcagt ctacttataa tcttgcccc 150

<210> 24810
<211> 298
<212> DNA
<213> Homo sapiens

<400> 24810
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tcatttgggtg gaggagccgg aaagtaagtc tttctcactc aaagtcagct gtgaacataa 240
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<210> 24811
<211> 230
<212> DNA
<213> Homo sapiens

<400> 24811
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ttcaagaagc ttaaaatccc ttgaccctga aaacagtga actgagttag aaaggatttt 180
gcgtcgcaga aaggtgacag cagaagcaga tagcagtagt aagccggtca 230

<210> 24812
<211> 292
<212> DNA
<213> Homo sapiens

<400> 24812
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agagagccag aataaatata aatggagttc cccaaatgta agccaagga tagtggtgat 180
gtttatgtaa cactgaatat acttaatgcc acttattgaa tactttaaaa cagtaaattt 240
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<210> 24813
<211> 176
<212> DNA
<213> Homo sapiens

<400> 24813
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<210> 24814
<211> 193
<212> DNA
<213> Homo sapiens

<400> 24814
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acagactcac agagtccatg acacactggg gccaggagct gtgtttcgtg gtctaccccc 120
aggacgcccc cgaagagkwg gtagmatggc cctgcccac cctccctgct gcctgccaca 180
gacaagcccc cca 193

<210> 24815
<211> 238
<212> DNA
<213> Homo sapiens

<400> 24815
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004220" 566E7560

aggttagttc ttacggattc aaggcagata gtgttggtga aacagtgagt ggcaaaatta 120
ggcgagggtg tgactgggct ccctgatgac ctcttgctgt ggagcaaaac tgaataagca 180
aaaacttact caagctcctg aggcccattc atcatcccta ttgatagatt tgaggtga 238

<210> 24816
<211> 90
<212> DNA
<213> Homo sapiens

<400> 24816
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atgtcagaan aacacacaca cacacacaca 90

<210> 24817
<211> 104
<212> DNA
<213> Homo sapiens

<400> 24817
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acattgttcc cagtaggtta tttttgatcg ttacctccct ccct 104

<210> 24818
<211> 51
<212> DNA
<213> Homo sapiens

<400> 24818
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<210> 24819
<211> 236
<212> DNA
<213> Homo sapiens

<400> 24819
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tttttaatga tcgccattct gactgggtgt agatggatc tcattgtggt tttgatttgc 180
atttctctaa tgaccagtga tgatgagctt ttttctctgt gttttttggc tgctgg 236

<210> 24820
<211> 109
<212> DNA
<213> Homo sapiens

<400> 24820
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agagagggtt agcgtgcagg gtgtggaaat ggaataaaag catatgcaa 109

<210> 24821
<211> 167
<212> DNA
<213> Homo sapiens

<400> 24821
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tagactaata aagaagagaa cagagaagaa tcaaatagat gcaatagaaa atgataaagg 120
ggatatcacc actgatccca cagaaataca aattaccttc agggagc 167

<210> 24822
<211> 229
<212> DNA
<213> Homo sapiens

<400> 24822
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taagttaatt tagtataaaa atagaattga tagtgagggt ataaagtgt accatcagtt 120
aaacctctcc tgtcattcct agcttccttg cttcagaatt gaaatggaag tgggggtgtc 180
cctactctgt agaatctggg actgggcaaa tgtttgtgtg gcctccttt 229

<210> 24823
<211> 349
<212> DNA
<213> Homo sapiens

<400> 24823
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ctgctgcctt tagtcgctga ggaaaaataa agacaaatgc tgcgcctt 349

<210> 24824
<211> 307
<212> DNA
<213> Homo sapiens

<400> 24824
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gatatccccc gagaatggct tgggttacca gctatggamc ccttggaag atgaatctaa 120
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ctctattttc catgtttctca gggcccctgg gtagacagac acagcttgat ttcagagcag 240
acataggcga agaaaacatg gcattgagtg tgctgagtcc agacaaatgt tatttatata 300
cacatcc 307

<210> 24825
<211> 117
<212> DNA
<213> Homo sapiens

<400> 24825
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ttggggaggg ggcggaggcc cggcgtgaca agcggcccag ractcccgtg gacgsct 117

<210> 24826
<211> 235

<212> DNA

<213> Homo sapiens

<400> 24826

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ccttaagaaa gctatatatg aataattatg kktacctcmc tggkgcattt acaatggact	120
tttgttcatg ggagarcctc gttgacatgc acagtttgca atcttatgtt gatcgatgtt	180
aaacgtcaca gcagtacttg ctcaataaag gtcatatagg aaacatagtc aaaaa	235

<210> 24827

<211> 315

<212> DNA

<213> Homo sapiens

<400> 24827

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ggccgcataa atcattttcta aattcactcc tagccatakt atatgagttc aaaatctttt	120
ctamctagtc tagactctag agagtttttcg agaagatttt tcctcatgga gatataatgg	180
gagaaaatga gttccatctt ccagataaac tagtgtgtta tctgccttag ctcgtcagat	240
acatgagaaa tcagaccaca cactaataaa aacctaattt aaaagtgtat ctactaagtg	300
tgtatgvtaa gtttt	315

<210> 24828

<211> 267

<212> DNA

<213> Homo sapiens

<400> 24828

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aagtactaaa tgtctggcat tttaaacttt tgtagaatac ataagtgtgr aacttggaat	120
aatactattk attttcacct gtgaaaaatg acttcattgt acttgaaaca cctcctttgc	180
atttctccat ttgtgccatt cactagtggg aataaattgt attataccat gatctactgg	240
ctttttaaaa ctgtattaaa tatgcac	267

<210> 24829

<211> 349

<212> DNA

<213> Homo sapiens

<400> 24829

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agtaaatata acatgctaatt ttymsaatta atgaaactaa actttttaa acatccatta	180
tatctacatc cttttgaagg tatattatcat agttgccaat tttaatttta ggattgactt	240
tctctttctg aatgacttca taaagtgttg tgtgaatttt gaagacttgg gttactaatg	300
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<210> 24830

<211> 168

<212> DNA

<213> Homo sapiens

<400> 24830

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tataatattt ataccaagtg tgtgaatatt ttatatacaa aaaatgtgct ttaaggtggc 120
ttacactata cttagcatgt gttaacatgg tcttgggtaa tgcgcagg 168

<210> 24831
<211> 146
<212> DNA
<213> Homo sapiens

<400> 24831
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aatagctttc aacattttga aattgactta agagaatggt ggctgtgtat gtctgtatct 120
tgcatttcta ttggctttgt gaacca 146

<210> 24832
<211> 134
<212> DNA
<213> Homo sapiens

<400> 24832
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ctgccttggc ctct 134

<210> 24833
<211> 86
<212> DNA
<213> Homo sapiens

<400> 24833
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agaaaaaaaa aaaaaaaaaa aaaaaa 86

<210> 24834
<211> 209
<212> DNA
<213> Homo sapiens

<400> 24834
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taaacttcgg tatcagtga tctacaaaag tgttatttgg taatccaaat attagagttt 120
tcccaaattc aaaaacggtc agaaataagt ccattatcaa tataatttga agaagatttt 180
tagtagtact gtgaagttcg tgcttacca 209

<210> 24835
<211> 189
<212> DNA
<213> Homo sapiens

<400> 24835
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ttgcaaataa tcagaatctg aaagcatcta agctccgccc cccctcaggc tctttcaaac 120
aaaaacaaac aaacagcccc caactagagc ctcaaagctt ccaggccaag acaagcatcc 180
caaggccac 189

<210> 24836

<211> 248

<212> DNA

<213> Homo sapiens

<400> 24836

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aggcgwata hwwcatgctt aaacatattg actgaaaaat gagatttttt wcctttacat	120
cttgattaat acttagtatt krctatcttd taggtctaata cgttatatga hagtagccat	180
tctgaacagg taaaggdwaa aaatatcdgg caataattga ttcaagatcg attaatacaac	240
aggtagtt	248

<210> 24837

<211> 241

<212> DNA

<213> Homo sapiens

<400> 24837

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agtaccggct ggataagaag atgcataagg aaggcataaa aagggaactg atagaacttt	180
aactttttga aggaaaaacg aagacatggt gagtagtcat gggagaaatt tgtaggccac	240
a	241

<210> 24838

<211> 256

<212> DNA

<213> Homo sapiens

<400> 24838

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cgtttggtgt ttgaatagat gtagatttat gtcattaata tttatatagt gttcatatga	180
gtttttcgtc tgtggtatac ctgttaatga aagtatacac ttactgttga tttaaaatcc	240
caaatctatg acccag	256

<210> 24839

<211> 367

<212> DNA

<213> Homo sapiens

<400> 24839

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atttttatgt agtaagtgt aagtaagttt gtgttgagtc tgtggtgtca atagcattga	180
cagccttgag cttataggaa tcagaaaggt actgtggtgg tgaaagagac caaattgtct	240
attgacaaga ccatcttcca ccagatgcat ataatatctg caccagaagg aaggggaacc	300
aaattttatg ttttaactg acagcagtgt agtatccaag atgccaaatt gggtaaaaga	360
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<210> 24840

<211> 63

<212> DNA

<213> Homo sapiens

<400> 24840
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<210> 24841
 <211> 99
 <212> DNA
 <213> Homo sapiens

<400> 24841
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 aaaatttcca tttaaattta gtctattaaa aacaaacct 99

<210> 24842
 <211> 141
 <212> DNA
 <213> Homo sapiens

<400> 24842
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 ctarcomaagt gagacccttt g 141

<210> 24843
 <211> 278
 <212> DNA
 <213> Homo sapiens

<400> 24843
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 atacctttgg atgtctgtat ttttwagtag gcagatgaaa gtgttttttag ttaggattat 180
 agggattgct ttagtaaaat aatatttcct cagagaatct gtcttactcc aacaaatact 240
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<210> 24844
 <211> 152
 <212> DNA
 <213> Homo sapiens

<400> 24844
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 tctcctgta gtctgcctc gtactcccca ag 152

<210> 24845
 <211> 382
 <212> DNA
 <213> Homo sapiens

<400> 24845
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acctacccaa agttatcgat attcttacta aactctgagg cctgaagttc tgtgatagac	180
cttaaataag tgtcctaagt cagtgggtcc caaatctggc tggtcgggaa tacctgggaa	240
gtttgttaaa attttttaaa aatgttttaa gatTTTTTggg tcctgagcca ggcgtggtgg	300
ctcacacctg taatcccagc actttgggag gctgaggcag gtggatcgcc tgaggtcagg	360
agttcaagat caacctggcg cc	382

<210> 24846
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 <212> DNA
 <213> Homo sapiens

<400> 24846	
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tctgtagcta caatgttgta aagccttttt cgaatgcatg gcctctttgt ggccctccat	120
ccctgggaag tcatagtggg gacagt	146

<210> 24847
 <211> 127
 <212> DNA
 <213> Homo sapiens

<400> 24847	
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aacagataga cagctaccta aagcctgaaa gactgacagc aacacagaaa aaaagaaaca	120
ggcagtc	127

<210> 24848
 <211> 363
 <212> DNA
 <213> Homo sapiens

<400> 24848	
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gccacaagca gcagctgctg agccatggct gaaggggaaa tcaccacctt cacagccctg	180
accgagaagt ttaatctgcc tccagggaat tacaagaagc ccaaactcct ctactgtagc	240
aacggggggc acttcctgag gatccttcg gatggcacag tggatgggac aaggacagg	300
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gta	363

<210> 24849
 <211> 159
 <212> DNA
 <213> Homo sapiens

<400> 24849	
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<210> 24850
 <211> 406
 <212> DNA
 <213> Homo sapiens

<400> 24850
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tggaacacgt tactgggaag actccttttg atcaccctga aaggcacata ttaaaatgca 180
atgaaaatgt attcacatat attaaaatcc ccaaggggat gttaaaaacc ccagccatat 240
cttctaaatg acagtgtctgc tctggccatg gtcttaataa caaggcagtt catggtaaac 300
tgccagcact gttcagggag tggagaata aataaattca agttctaaga taccctaaat 360
taaatgtgtc ttaaagttct tatatctcta aatgatgagt cagcca 406

<210> 24851
<211> 290
<212> DNA
<213> Homo sapiens

<400> 24851
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tagcatttaa tttatgcact taggaaaggg ttagaagcct tcgtgccagt atctcctaga 180
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<210> 24852
<211> 271
<212> DNA
<213> Homo sapiens

<400> 24852
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aaaataagtc atttgtgacc cactggagtg ctgtttcagt aaggatgatga gggcaaaaga 180
caagaagcat tacttggttt tatggaagga cccttggggtt ttaaaaggat ggtactcgtg 240
gttaatcttt cagatgtgat acagcctgct g 271

<210> 24853
<211> 210
<212> DNA
<213> Homo sapiens

<400> 24853
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cgaccacgcc tggccgaaaa acccactcga 210

<210> 24854
<211> 177
<212> DNA
<213> Homo sapiens

<400> 24854
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ctatgacaac taatgaacca gctacgtata ctggatattt aggtgcaagt tgtaaagcaa 120
aatatctgtg tattctgctt ggtaacaaa tgtatatattg tagccctttc ctgcaat 177

<210> 24855
 <211> 296
 <212> DNA
 <213> Homo sapiens

<400> 24855
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 gggaaatagg agcattgggtg aagaggcttt gcattttatt taagccgcaa ttactgtgca 120
 catactctgt ggagttgtag taatactgggt gtgggtcttct ctagactagg gtgggggctg 180
 tgggaataga gaggaaaggc agaatgcaag attttaagca gcgttttata acttaatgga 240
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<210> 24856
 <211> 162
 <212> DNA
 <213> Homo sapiens

<400> 24856
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 tgcaaaaatt acataaagct ccaaaagcta ctctgtgtaa acttctgtgag tgggaattct 120
 caaccataat atctggaata tgactgataa ttctggatgt ta 162

<210> 24857
 <211> 302
 <212> DNA
 <213> Homo sapiens

<400> 24857
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 aggagtcagg cgtgggtggcg cgcgcctgta atcccaattg ctcgaggaggc tgaggcgagg 120
 tcatcgctgg agcccaggag ttcgaggcca gagacccctt ctcaaagaaa aaaaaagcga 180
 tgaaacgaga accctccata gtctgagcct cattaaccg tccagttctc ccaacctgga 240
 cccctaccac ggctccgcc tctattccgc attgacgcac actctcacat taacaggcca 300
 ct 302

<210> 24858
 <211> 181
 <212> DNA
 <213> Homo sapiens

<400> 24858
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<210> 24859
 <211> 322
 <212> DNA
 <213> Homo sapiens

<400> 24859
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tcgtgaattg	gaaaatacct	taggatatta	aaagttatct	aagataaccc	cctttcttct	120
gtaagttaaa	tactaaacgg	cttaagacga	aatttttgaa	tatagagatg	atgatgcaga	180
ctgcagtga	ttatcaaata	tgcattctac	tggtctccac	attaaacata	tttttggtgc	240
gtaaattcat	gttaagacgt	ctataacaat	tacactttgg	taaaattggt	ggatgttaac	300
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<210> 24860
 <211> 147
 <212> DNA
 <213> Homo sapiens

<400> 24860	
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catggctaaa	atttgtttgc
tccaatcggt	aatccaatga
aggctgtgaa	ccagaatttt
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ggccaaa	
	60
	120
	147

<210> 24861
 <211> 366
 <212> DNA
 <213> Homo sapiens

<400> 24861	
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taaagatcgt	gctgcctttg
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ttaggcagat	ttggagggga
ggcccaacag	caaagatgga
gaggaaaaag	ggagtggagc
120	
ttgtggaaca	ggaagcccc
cagggctctgt	gcagggctgc
tcagctcttg	aggatgttgt
180	
ggatggtgaa	gtggtgatgg
tgtcctggag	cagcccagca
cctccactgg	gcccagaagg
240	
tcttgacttc	ggacacttac
ccctgtttca	caagtgttta
taaagctggt	tttgcttttg
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tacttggtag	ttattaatcc
ttctttgggg	gagggacagg
360	
gcgaas	
366	

<210> 24862
 <211> 145
 <212> DNA
 <213> Homo sapiens

<400> 24862	
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acataagaag	gtttaaattt
ttatgtttgc	tcaatgaatg
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agtactctta	aaattgtgtg
attgtgaaac	caagagcggt
aatactgaca	tagatttgcc
120	
atcaaacaaa	acaccacctg
atctc	
145	

<210> 24863
 <211> 226
 <212> DNA
 <213> Homo sapiens

<400> 24863	
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cagagggaaa	gctccctcct
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ggataaggcc	tccaggaccg
aagcgcgcac	ccataaggcc
120	
cctgccaaaa	agaccttcct
gaaggcggag	gaactgtgag
agtgcctacg	ttggcccaag
180	
gcctgacctg	acgatcccgg
ggaccctagc	cctaacggcc
ccgcac	
226	

<210> 24864
 <211> 93
 <212> DNA

<213> Homo sapiens

<400> 24864

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aataacaaag cagtgaacca aaaaagcccc tca	93

<210> 24865

<211> 487

<212> DNA

<213> Homo sapiens

<400> 24865

tgTTtaattg tacatTTTT aaatcctgaa tatattgtgt tttgttaaca aatgtaatca	60
gtggaaccct tcttacgttt tgattattag cagttaaata catwttgtat acatgaagct	120
taagattaat tcccatcatc atcatctcct gttttatat gtgtccctat gtgtttcatg	180
cattcctctt tgatcagatt ggaatttgag ttaaaattta gctttgtaca ttacgtgtga	240
gagttacaga ctagcaagtc taattacttt gccttacctt gagtgtatgc cacagggta	300
gataacacat taaacattta gttacactgg attactcttc caaagctgac ctctgctaa	360
tgttcagagg taactgcaat ccggaaagaa ataatatcac tgcagaaaga atgtgactct	420
aaaaataaac caggacctcc ctgtgatttg ccttgctgc agatgaccag ttgactcttg	480
tgctgtc	487

<210> 24866

<211> 342

<212> DNA

<213> Homo sapiens

<400> 24866

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ttgacactgg atttgtgaac acagatgac tgatcataac tccactgac actcgttggg	120
tgggtgcatg gtggtttggc tttctgattt gtgcaggagt taacgtgctc actgccattc	180
cttttttctt tttgcccaac acacttccaa aggaaggact agagactaat gctgacatca	240
ttaaaaatga aaatgaagac aaacaaaaag aagaggtaaa gaaggaaaaa tatggaatca	300
ctaaagattt tctaccttc atgaaaagtc tttcctgcaa tc	342

<210> 24867

<211> 402

<212> DNA

<213> Homo sapiens

<400> 24867

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ctgtattgca cttttggttt taaggactgg acccagagtt cctgaaagcc aaactccata	120
agctgctcag taagttccaa gcacatagcc ggctkhggga tgcgattcgg tcgaggtctg	180
ttgaatgaag gtagacgcag caggcagttt gtccttacca gtgacctgga agacggtggc	240
acttctgag tgagctcact taccttcctt gaatggtgag gcatggatga atattcctgg	300
tggtgccacg tgttagaggt ggtaaagggt caaatgttta cttttattaa tattacatta	360
tggttgggtt ctctgtgtca gcgatttttc tatgcctcgg gt	402

<210> 24868

<211> 203

<212> DNA

<213> Homo sapiens

<400> 24868
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 gtgtgtgttg ttcttcctga tgtgtccatg tgttctcatt gatctgcttc tgctaataag 180
 ttagaataat aataggcggg agc 203

<210> 24869
 <211> 243
 <212> DNA
 <213> Homo sapiens

<400> 24869
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 gaattttctt agtcaaccaa ttataacaga ccatactcta ggatcatcag ttttggatta 120
 tttscctttga tttgtttgat aagcactaaa ctgaaagcaa taggaaattt tctttatagc 180
 tgtagtttct acctattgaa ggccattagc ttctgttagg agattgtatt gaattggata 240
 etc 243

<210> 24870
 <211> 319
 <212> DNA
 <213> Homo sapiens

<400> 24870
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 ttttttgttt ttgtcataga gttgtttgag ttcttctgat attctgaata ttaatccttt 120
 gtcacatgta tagtttgcaa atattttctc ccattcagaa agttgtctct ttaatctgtt 180
 gatcattttc tttgtctgtgc agaaactttg tagttttatg tagtccatt tgtctatctt 240
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 ctgagcattt cccaagca 319

<210> 24871
 <211> 333
 <212> DNA
 <213> Homo sapiens

<400> 24871
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 ggtctcactt cgctcctggg cagctgcgcg gagaactggg gcactttgtt ttagtaaaat 120
 cggaggtgaa gatggagata ttcatcgagg ttttcagtca cttcttgttg caattaacag 180
 aactgacact gaatatgtgc ttagaactgc caacgggctc tttggagaaa agtcttatga 240
 tttcctcaca gggttttacag attcctgttg caaattctac caagcaacga taaaacagct 300
 agactttgtg aatgatacag agaagtccat gct 333

<210> 24872
 <211> 97
 <212> DNA
 <213> Homo sapiens

<400> 24872
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 tacctcagga gcatttattt gcttatcaca ggagccc 97

<210> 24873

<211> 370
<212> DNA
<213> Homo sapiens

<400> 24873
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tttaagggtc cagaaaaaag aatttgagtc tgtttctcag atctagaatt atcaaataa 120
aggaacttct cggcaaaaca gggtgccact ttcagctgac aaacttgtgg gtgagaataa 180
agaaaagtga gtctttaggt agataaaagt gtcactcata atgggtgtga acagtagaaa 240
ccttacttta ccatctccac ggatatgagg atatatgatc ttcattgggt gaacgtctaa 300
cttggtctgag acaagctatc agtaaaagaa ccaagatata gtgaagaatg aggatttcag 360
aaccaggaga 370

<210> 24874
<211> 229
<212> DNA
<213> Homo sapiens

<400> 24874
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tgctggcact gatctggaga tctgcagatc tggaggagac gggaaggagt cgattcctaa 120
ataaggatca gtgaggcatc ctgtcccaag ctactgtttg gtggggatct ggggttcatct 180
caccacacaga gggaggatct ttaagaggag aaaaaagcca agagggcgc 229

<210> 24875
<211> 132
<212> DNA
<213> Homo sapiens

<400> 24875
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gctagatttt tgtacggtaa cattattgat aatataggag aagttcattg aggagaaaaa 120
caaagggagc aa 132

<210> 24876
<211> 409
<212> DNA
<213> Homo sapiens

<400> 24876
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ctcgctaggc ctacctaggt gcctggaatt tcccttcgag gaacgcagga gttttcttka 120
ttttcatgct tgggaaggct cattaggccc ctaagagagg gtcccttccc catctcagga 180
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gccccgcaga gtgaagtcca gatgatgcag ccaccagggc cggaggggag ggacattcca 300
ctttttaaat cagctttctg aagcatgatc tccatataat cacctagaag cgtacagcac 360
aatgatcdtg acagatgcca gcatccttgg aaccactgcc accaccaac 409

<210> 24877
<211> 123
<212> DNA
<213> Homo sapiens

<400> 24877

ctgtctacta gattaagtta agagcaacaa gaaaaatgag tggagttaat ttttgcctct	60
gaattttaaa actgacacgt aaaaagtctt atgtggggag taaagacaaa taacaagggc	120
tca	123

<210> 24878
 <211> 358
 <212> DNA
 <213> Homo sapiens

<400> 24878	
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gtattttaatg acaggactat atacagctgt ggagctctcc atttcttgga atgccaggtt	120
tcttgaactt ttcattctgc aaaactgact ctataccac tggccaagt atcttcaaca	180
agggcactga gactataaaa tggggaaaaga atattttckw caacaaatgg tattgagaaa	240
actgaatatac tatgtacaaa agaatagaagt tggactctta cattatacca tattttaaaa	300
tgaagtcaaa atgggattaa agatctgaaa ctttaaaact cctaaaataa tagggaat	358

<210> 24879
 <211> 330
 <212> DNA
 <213> Homo sapiens

<400> 24879	
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cgccttctag aagcattttc actttccctt aagggttccc ttgatgaaca tagaagtact	120
gtatgtagaa ttgaccagct gctgccctgg caactttgta tattaggcca aatttacatt	180
tcttaccttt atgagaggca ccctggtagg ctagtggagt tacacacaaa gtctgatctc	240
agctgcactg tccagaaatg saacacggtc caatcaaata acattctctg agcctgtttc	300
tttagctgtg aaagaagaat aacatacccg	330

<210> 24880
 <211> 140
 <212> DNA
 <213> Homo sapiens

<400> 24880	
agtgtctatt gtatatgacc agcagtctag gcgttcaaga ggatttgcct ttgtatattt	60
tgaaaatgta gatgatgcc aaggaagtaag taaaagcccg ttcctttgta aaccatcagt	120
tctattgtta acgccaagtt	140

<210> 24881
 <211> 275
 <212> DNA
 <213> Homo sapiens

<400> 24881	
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aacaagctcc tagaagggtt taccaaacca gggcttaaat tttttgaatt atttattaat	120
ggctcaaaaag tctgaaggcg cgaagggtag acagtgaaaa atctcccttc tcttctgtcc	180
ccagccaccc aaatcctcct agggaagcag ccgggggtgat ctgattctca ggtgtccttc	240
tcagcagtgt gtgtgttccc agacaaaccc aggct	275

<210> 24882
 <211> 337

004320 " 66667560

<212> DNA
<213> Homo sapiens

<400> 24882
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aaaccgtaaa agaaatacaa tttatgtttt gaaattttta aatggattcc aagtttctgt 120
tgacatctgc aacttttctt ctgttttcat gaatgtatta atcataaagt ctattataka 180
ttataaatgc aatatgtcaa tcaaatagaag gtctgctttt attccttccc cttggtttct 240
ttatagccgc wtttgttttt atagattgcc ttgtaccttg taattttgaa ctggatgcca 300
gatattgtaa caaaaaattc tagggattcc ggagggg 337

<210> 24883
<211> 210
<212> DNA
<213> Homo sapiens

<400> 24883
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tcttgatttt atcacgggag catttatcga atctagtttt tttggtcata ctttgcttaa 120
tggtatacaa aaataactac acagatgtgt tataacttat cttttcagtc aagcaacttt 180
gaaaatgtac aaaaaataag agacccca 210

<210> 24884
<211> 377
<212> DNA
<213> Homo sapiens

<400> 24884
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tgcctcttca ttcaggcagt ggcagaacct cagcattcca tggaaatagga tctgtgagtt 120
ctgctacatg gaataggacc tccccagtga gtcccccttc agttgccagt tggaaatcaat 180
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gaagattcta tcctagaagt caggaactac ctacctctga attttctctt gagctatatt 300
tcacaccag ccacagctgt ctatatctaa tgggatagtc ctctctggta aaaaacacag 360
catactttct ncnntat 377

<210> 24885
<211> 155
<212> DNA
<213> Homo sapiens

<400> 24885
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gtcgggggtct aggcaggctt ctctgaggag atgatatttg aattgagatt tgagtataa 120
ggagatgtgg agcagagaat accaggtaga ggggt 155

<210> 24886
<211> 211
<212> DNA
<213> Homo sapiens

<400> 24886
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gagagacctt ggccaggag tacggtgttc ctttctgga gaccagcgcc aagactggca 120

tgaatgtgga gttagccttt ctggccatcg ccaagtgaga gctgggcagg gaaagggag 180
tgtgcggggc arggcggcac actccaggag c 211

<210> 24887
<211> 215
<212> DNA
<213> Homo sapiens

<400> 24887
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ttgaggctca ctctcacata cagggtgat atttagccag gagatgagag gactctgttc 120
aaataataaa atccttccat gctgcttggt aaatagccac ggggtcccagc cactctagcc 180
cttcctgta acttgctga aaatgtctga tcagg 215

<210> 24888
<211> 284
<212> DNA
<213> Homo sapiens

<400> 24888
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cagaaagaca aataccacat gacctcactt acatgtggaa tctaaaaaag tcaaaatcac 120
agcagggtggg gaaatggggg tagtagggag ggcgacaagg aggaatgaga aaatgttggt 180
caaaagggtac aaagaagggc aggttgtggt ggctcatgcc tgtaatcca ccactttggg 240
aggctgaggc aggtggattg gttgagcctc gttcaagacc aaca 284

<210> 24889
<211> 417
<212> DNA
<213> Homo sapiens

<400> 24889
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attctcaca gatgggtagg ccggagdga caggaggag atagagtccc tgcattgtgaa 120
gtggtactga gagacacagc aggaaatgga agtcaagatt ctgaaccctt aacccttcc 180
agctctgaag cttgaacaaa ataaaactca tccagcatcc agcccagtgc ctggtgcaca 240
ggcatcttca aggcacctgg caccttctcc tccagcctcc cagcagcatg gctttcaccg 300
gcaagttcga gatggagagt gagaagaatt atgatgagtt catgaagctc cttggatctc 360
cagcgatdha atcgaaaarv sccgcaactt caagatcgct acggagggtgc agcasgy 417

<210> 24890
<211> 360
<212> DNA
<213> Homo sapiens

<400> 24890
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aggggattat ttagatatta tacaaattga acattcatat aaatagcaca ttgatgcagg 120
gtcagaatct gagcacctgt gtgaggcagg attttcttgg aatattgatg tgttctttaa 180
cacaaatttg taaagtttat aaaagcctca tggaaatctt accttacaat caaactaatt 240
aaaatttggg agatttgctt ataagattct attaaagctt tagaattaac aatacagtra 300
tacaaaaata aaatttggtt ttctctttta aataagattt ttgtataata ttaagagata 360

<210> 24891

004220" 666E4560

<211> 243
<212> DNA
<213> Homo sapiens

<400> 24891
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gataccaata actagtgcct cgtactacgc gacagtgacc ctggatcagg ttcggaatat 120
acttcgttct gacacagacg ttcccatgcc tttagtagaa gagaggcatc ggattctcaa 180
tgaaaccggg aaaattctgc tggagaagtt tggaggctct tttctcaact gcgtccgaga 240
agt 243

<210> 24892
<211> 137
<212> DNA
<213> Homo sapiens

<400> 24892
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ggtgaaaaag attgatcatc agatgtttct tatgtatcaa cctgatattt aaatccatga 120
aggacagaga cgacttt 137

<210> 24893
<211> 264
<212> DNA
<213> Homo sapiens

<400> 24893
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tggtttactg ttataactcc tgccttattt tttgcatatt ataaatataa tacagggtgtt 180
tctcagcaag aaagacaatt gaataccaat gttctgaaat attcttgttt ctgtcaaaga 240
catgttcac acaactctac cctg 264

<210> 24894
<211> 315
<212> DNA
<213> Homo sapiens

<400> 24894
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acacatgagt gtcttgctta catgtagctt cagactgcag agacaggacg tgtgcttttc 120
atttcaatat ttagttatat ttgatatttt gaaactgtct gctttttgct atttctgcag 180
tttcaagtta gttagaagca tgttgtcaac taaagacaac aaactatcag attcattcat 240
tcagtgaagc agcctctgat tctctaagag tcacgaatgt cttagtgtta ccctccccta 300
gtcaacagca gagcc 315

<210> 24895
<211> 145
<212> DNA
<213> Homo sapiens

<400> 24895
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tgggggtaag atctgggctc acgctgctca gtggcccacc ctttctgcct gtaactgtgg 120

agagggcttc cctgaaacgt gaggn

145

<210> 24896
<211> 404
<212> DNA
<213> Homo sapiens

<400> 24896
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gaaggatatag gggctatatt gactttctga aacctgctca tgatcagagc tctcaggcac 120
ctttccctca tcttcttggg cttcatccac gtgatgatgg tgggagggct cctgggtctgt 180
tgctggcctc ctggaatgag gcccatgatg ttgccattta gtggtcakst ccccttggat 240
aattaattaa aacaagcgca satttagctt tagagtttagc actgccttac tctctaactt 300
cgtttatcck ttcagtcctg agtgagggct tgctgttatc ccagtttatg gatgaggaaa 360
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<210> 24897
<211> 186
<212> DNA
<213> Homo sapiens

<400> 24897
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cccat 186

<210> 24898
<211> 433
<212> DNA
<213> Homo sapiens

<400> 24898
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tacctattac tgctttaaca agtctacatt cttgttatat ttaccacagc cccaaagtca 180
atctttttga tgtctacagc agagaaggat attagcagat tcataaatca cagtcttatt 240
tgcacttctg ctttttaaagc aaacatttaa aaaaagggtg tctgtcttga ttaaggccac 300
ttatgtccat gggtaaacag gctgtgtttg arsttcatcc cccaagcatt ccacctcagg 360
aaccaggtc agacctccaa ccatgascct aagtgcctgc ttaagacgta cttaacatar 420
ttatratatt gta 433

<210> 24899
<211> 206
<212> DNA
<213> Homo sapiens

<400> 24899
agtgcgmha caccaccctt cgtggacag cctctagagc gtaagggtcc atgcgagcgg 60
taagagtgcg gcgggacttg gaaatcgaat ctgtgctctg tgagagatcc taggaaagga 120
aactgggagc ccgggagaac taaaattccc aattaaaagt gaatttaaat ctgagctggt 180
cttagacca gaatttcttg cctgag 206

<210> 24900

<211> 118
 <212> DNA
 <213> Homo sapiens

<400> 24900
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<210> 24901
 <211> 383
 <212> DNA
 <213> Homo sapiens

<400> 24901
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 caaacaggaa tgttttcatg caggtcacac agtctattta tattgtacct ttgaattaga 180
 aagaggcaca ctcaaacgt aagacttaga attaaaggcc tccccactg gccatagcag 240
 cacscctagc tcacaaccag ttgaagggtg ttttggtgtg aacactaaga tgcccccttc 300
 tggttgaatt ggggctggtt cagccccac ctccctccc gccaggtgcc attttgctcg 360
 taacccccctg taacagccct gca 383

<210> 24902
 <211> 188
 <212> DNA
 <213> Homo sapiens

<400> 24902
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 ctaatccatt gacatgcttc agactcattt tcaaaagcca ctgatattaa acatgatttr 120
 ttgagttata tatccttctc ccatatggat gccacaagtt atccagaatg cagttctagg 180
 ctccctgcy 188

<210> 24903
 <211> 217
 <212> DNA
 <213> Homo sapiens

<400> 24903
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 tgtgtatatt ggataaattt tggatgagta gggccaa 217

<210> 24904
 <211> 186
 <212> DNA
 <213> Homo sapiens

<400> 24904
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 gcgcactgc actccagcct gggtgacaga gcgatacttg gtctcaaaaa aaaaaaaaaa 180
 aaaaaa 186

<210> 24905
 <211> 111
 <212> DNA
 <213> Homo sapiens

<400> 24905
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<210> 24906
 <211> 306
 <212> DNA
 <213> Homo sapiens

<400> 24906
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 tcgttgtaat tgttgacatt ccttttagaa gttgtgaaat gttacaactt gtgcttatgt 180
 agacacaatc ttctgtctca gtacagaggc actgacttca ataaagtcta tttatcttaa 240
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 gtggag 306

<210> 24907
 <211> 248
 <212> DNA
 <213> Homo sapiens

<400> 24907
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 gatgttttag aaaacgatta tgagagctta cgtgtattaa atgttgaaag aaatggaaat 180
 attatttata cctataagga tgataaggga aatgtcgtct ttggattata tgattgtcaa 240
 accaggta 248

<210> 24908
 <211> 235
 <212> DNA
 <213> Homo sapiens

<400> 24908
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 acatcagcat tgttcctact garattaaaa agtgtgggtca aacacagtca ctgaatcaac 180
 cgttttcttt ctgggcaaat gtggcatctt cattcactga gagaaaaggg tcacc 235

<210> 24909
 <211> 437
 <212> DNA
 <213> Homo sapiens

<400> 24909
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agccaagtgc	tcatattcaa	aaggaggctc	atcttttcta	aatcagttgc	ctgggaaatc	180
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gctacagtaa	ccaaaacagc	ttggtactgg	tataanaaca	gacacacagy	bnaatgarac	300
agaatggaga	gccagarat	rwaagccaca	cacctacaac	catctgatct	tcgacaaagc	360
tgacaaaaca	agcaggagga	aaggncctct	tatttaataa	atggtattgg	graaagtggc	420
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<210> 24910
 <211> 306
 <212> DNA
 <213> Homo sapiens

<400> 24910	
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ccatttacta	gctgtgtgat
120	
tttgacatg	atatttaagc
tttctgatct	tcagtttctg
aatctaaaac	gtgtgactat
180	
taataggaat	ccaactggga
atgctgtgcg	gttgaaatta
gataatgtat	tttaaagcc
240	
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agtacacact	taargaatgg
agggatatta	tyatcatcac
300	
ggtggg	
306	

<210> 24911
 <211> 181
 <212> DNA
 <213> Homo sapiens

<400> 24911	
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gggctgcagg	aaagcgccca
gctgaggatg	atatacccag
120	
gaaagccaaa	agaaaaacca
acaaggggct	ggctcagtag
ctcaagcaat	ataaagaaac
180	
c	
181	

<210> 24912
 <211> 272
 <212> DNA
 <213> Homo sapiens

<400> 24912	
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taccctggaa	tactgcaga
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tcctgccag	cgacaactct
120	
ggacaagtca	gtccccaga
gtctccaact	gtgaccactt
cctggcagtc	tgagagctta
180	
cctgtgtcac	tgtagctag
ccagagttgg	cacacagaaa
gcctgccagt	gtcactaggc
240	
cctgagtcct	ggcagcagat
tgcaatggat	cc
272	

<210> 24913
 <211> 273
 <212> DNA
 <213> Homo sapiens

<400> 24913	
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ctaaaaatcc	catgtgctct
gcttattcat	ccctccttct
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ctccctctag	ccoctgacaa
ccactgatgt	ctttactgtc
tccttagttt	tgctttgccc
120	
agaatgttat	atagatggaa
taatatagta	tatatattca
cattggcttc	attcacttag
180	
atacatgtct	ttaaggttcc
ttcatgtatt	tttatggctt
gacatttcat	ttcttcttat
240	
tgctgaatac	tattttattg
tttgggtgtg	ccc
273	

<210> 24914
<211> 255
<212> DNA
<213> Homo sapiens

<400> 24914
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ggctgaagtg tagagtgcag tggcgtgac tcagctcatt gcaacttcca cctcctgggt 120
tgaagcaatt cttctgcctc agcctccgga gtagctggga atacaggtgc aggctgccac 180
gcccggctca tttttgtgtt ttagtagaga tggggtttcg ccatgttgcc caggctggtc 240
tcaactcctg agcgc 255

<210> 24915
<211> 248
<212> DNA
<213> Homo sapiens

<400> 24915
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caattactta taacacctaa tacagtgcct acacatcatt tcattcatgt ggattcaaca 120
tagtacttgc tgtgaagaat attcaagttt tgcttatttg gractttgtg aatttkttct 180
tccaaatatt gttgatccat ggttggttta atccacagat gtaggacaca gagatacaga 240
ggggccgt 248

<210> 24916
<211> 356
<212> DNA
<213> Homo sapiens

<400> 24916
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tgagtatgtg atgtggcaat gcattcttct agataagcac taaacaaagt atggaccctc 120
aatatgatgc tttaagattt aaagtgaagt aaatttctaa ggaactgtgt ctttcctag 180
caggaataaa cagtgaanaa ttggttaagta tttaacttga agtgcattga atagtatga 240
gagtaagtag ccaaatcttc gtaatatag gtaattgtta agagtgaagc ataattattg 300
catctctttt gcgacttcat gtagatgtga ttaacatttt ttacaaattt gcctgc 356

<210> 24917
<211> 85
<212> DNA
<213> Homo sapiens

<400> 24917
cgatatgtct tacatattct ctattaatat aaagaaccaa attttgtctg ctattttgta 60
aaaataaact acaaaagcct gaacg 85

<210> 24918
<211> 358
<212> DNA
<213> Homo sapiens

<400> 24918
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gagccaccgc	acctggccag	agtctttctt	ttcttaagac	agggctctgc	tcatgggcta	120
ccatgcccgg	ctaatttttt	ttttgctaga	gaagagtctt	ttgttgccca	gagtgggtctt	180
gaacccctgg	cctcaactga	tcctttctct	ccagcctccc	aaagtgctgg	gattacaggg	240
atgagccacc	acacctggcc	acacagtgtg	actttctatt	tkgttctttt	ttgaaacaat	300
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<210> 24919
 <211> 377
 <212> DNA
 <213> Homo sapiens

<400> 24919						
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gctgtgataa	gtaacttgtc	caaggtcaca	caaaaaataa	gtgatacatt	tatgatgaaa	120
cctcagttct	gactaccttt	gttctttcat	tatgacatgc	tgctacctc	ttatttatta	180
taaacaatat	tggtatactg	acacaaggat	cagatgcttt	gtataatgg	tgtagacttt	240
tccaaggaat	cttgtgactt	tcttcttttt	actttatccc	ccttagtggc	aaaaraagag	300
agattacaat	aaatacttga	ratgctgcct	aattatctgt	tacgtatagt	catgattgtg	360
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<210> 24920
 <211> 370
 <212> DNA
 <213> Homo sapiens

<400> 24920						
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ctttccggga	gaaattttgc	acatgtatca	gaagtctagg	agctgtgttt	ctgatatttg	120
catcttcttt	attgtttaga	tactgtgaat	ccggcatcta	actatagttc	cttctttgag	180
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actgcgaact	ttggataccg	ccttcctgtc	tcagcttcgt	ctcctttgtc	ctaccatgat	300
cttctcttgg	ccccagttta	cccagtgaat	tactttattt	ttgctatttt	gtatgtgtat	360
ttggaagcca						370

<210> 24921
 <211> 126
 <212> DNA
 <213> Homo sapiens

<400> 24921						
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aggtgtttca	aaaactcagt	cacttccagt	aacagaaaag	gtgaccgaaa	accagatacc	120
agccat						126

<210> 24922
 <211> 431
 <212> DNA
 <213> Homo sapiens

<400> 24922						
caactagaat	tacttatttc	acatggaatt	gattttcaaa	tatacatctc	taacataagt	60
aaagtatctg	atctttttct	aagagcaagt	tttgattagg	aaatgggtga	acatactata	120
gacactttga	atacttaaaa	gggaatgatg	tcattgagca	agaagtgaac	taataaagaa	180
gtttggagtg	ataatccaaa	tttctcctaa	catactatit	ggctttcaac	ttagtagcat	240

ttcttgggta gatttaactc tagtcccttc atttctgata atagtagttt tcaaacataa	300
atctggatta ggttttcaac tcacttactt ttggtaaata tgttcttatt attgcatctt	360
acagtttgat ccaaaatcaa taatttgga gacatatag caaactacct aactgacaga	420
gttcctaagg a	431

<210> 24923
 <211> 384
 <212> DNA
 <213> Homo sapiens

<400> 24923	
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atgggtatgtt tgatgggatg actgacacag gaaatctgtt aaagtcttaa aatggaatga	120
gaatgttgtt ttaaaagaaa atagcaaaac acaaaaaaag caaaccttaa aatgtgaaga	180
aagtgtgaat tttagttttg tcacagttaa ctgtgtcaaa gagaattaar aaaraaaact	240
tcrgattttg tttacatatt ttactacatt tttgctggta taattcctta gccacctatg	300
tacatactgc tttargaaat gttttttctt gtttatttct gtttggttta tattctggtt	360
gtctttttct ttttgtaaag agga	384

<210> 24924
 <211> 288
 <212> DNA
 <213> Homo sapiens

<400> 24924	
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tgtttgtaa acaggccttg tttgtgcatg ctttgctatg aatgaagttc ctttaaggac	120
aaagaaaagc acacttttct tcttttgagc atatctgcta ttactttaaa tctgctaatt	180
tctaaaatgt agagtccttc accaatccca gagactcaat ttggaaatga actgatttca	240
agccgttact gtcaataaag caccacagca ttttgtataa gctctcaa	288

<210> 24925
 <211> 177
 <212> DNA
 <213> Homo sapiens

<400> 24925	
catgatggat gaatgatgtt atctttcaca tgtggctttc ttgccttgtc ctaagtgcct	60
gctgtagtcg ttgacatttt ccagcaaaca ggaatgagga gaaaaggcca aggacatcta	120
gcctttatct tcctgattca gatttggaac acatgccttt cgttttctcc cacctct	177

<210> 24926
 <211> 197
 <212> DNA
 <213> Homo sapiens

<400> 24926	
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acttgtagat gtgtattcat agcagcttta cttacgagag cccaaaacta aaaaaagtcc	120
atcattaggt taatgactaa ggaaattgat atatacatat aatgaaatat tcctcagcaa	180
tacaaaagga atgaact	197

<210> 24927
 <211> 302

<212> DNA

<213> Homo sapiens

<400> 24927

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gcagtgggtgc	ggtctcggct	cacggtgacc	tccacctccc	aggttcaagt	gattctcctg	180
cctcagcctc	ccaagtagct	gggactacag	gcgcgtgcc	tcacacccgg	ctaataattg	240
tattttcagt	agagaccagg	tttcaccata	ttggccaggc	tggtctcgaa	ctcatgatcc	300
gc						302

<210> 24928

<211> 304

<212> DNA

<213> Homo sapiens

<400> 24928

catttttggtt	cttgtttcat	agttttcttg	gggtcttact	attgttttgg	tcaccctggt	60
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tgcagtgggtg	cggtctcggc	tcactgtgac	ctccacctcc	caggttcaag	tgattctcct	180
gcctcagcct	cccaagtagc	tgggactaca	ggcgctgcc	atcacacccg	gctaataatt	240
gtattttcag	tagagaccag	gtttcaccat	attggccagg	ctggtctcga	actcatgats	300
nnha						304

<210> 24929

<211> 308

<212> DNA

<213> Homo sapiens

<400> 24929

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agactgcagc	agtaaattcc	aaatatgtgt	ttctaatttg	acgtgaaaga	tactaaaaat	240
ttatatttgt	atattttaat	cctggctcat	cctgtgacat	agatttactg	aataggaaca	300
aagccct						308

<210> 24930

<211> 432

<212> DNA

<213> Homo sapiens

<400> 24930

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tgctgctgca	acagaatacc	tgacactggg	taattttatta	agaacagaaa	tttatctctc	120
atagttctag	aggctgagaa	gtcctaagat	caaggaacca	gcagggtttg	ttgtcttggt	180
agggtgcat	cctctgcagg	ggaagaagaa	cgctgtgtcc	tcatatggca	taaggcagaa	240
gggcaagcca	cccgaagct	gtgtgaagcc	tctttaataa	gggctttaat	cccattcatg	300
agggaggttc	cctcatagcc	taatcatctt	ttaaaggcct	cacctcctaa	tactatcacg	360
ttgacactcc	tgaattttgg	agggggacat	awtcaaacca	tggcattact	tattgaacag	420
taagattagc	ta					432

<210> 24931

<211> 137

<212> DNA

<213> Homo sapiens

<400> 24931

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gagacagagt ttctctcttg ttgcgcaggg tggagtgcaa tggcacaatc gcggttatt	120
gctacctctg cctccg	137

<210> 24932

<211> 198

<212> DNA

<213> Homo sapiens

<400> 24932

aagcataggg tgagctatga gggggttatg tgatgctccc atgccttctc tgggcatacg	60
acccccagag caccatctgg gtttatcagt ctggaagctc tccaaaccct gtcctTTTTT	120
gtttctatgg agtcttcatc atgtaggcat gattaatgac atcattggcc attgatgagt	180
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<210> 24933

<211> 296

<212> DNA

<213> Homo sapiens

<400> 24933

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ccgtgatatt tgcagcagcc tcaaattgct ctttaaggggt ttaggtgtgc agaagcttct	180
ctttccctac ccagtaacca tgtgactact aacgtggtat attgatttat tttgtttgct	240
gtckatctcc cctgccccac tgctggaaca gaggtccaa gaaaacaggg accann	296

<210> 24934

<211> 129

<212> DNA

<213> Homo sapiens

<400> 24934

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aggaatgcc aatcatcatgac atcatcacga ctgactgatt tggtcagtct gtctttcatc	120
aagtcagga	129

<210> 24935

<211> 183

<212> DNA

<213> Homo sapiens

<400> 24935

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taaaaaggag cttagagaaaa tggggtagat taaactgcct gcrhsttctc tcaaggaaag	120
tccccgatgg cagcttatcg ccttgtagatt tatctctacc tcctaagagt agaatgcagc	180
taa	183

<210> 24936

<211> 108

<212> DNA
<213> Homo sapiens

<400> 24936
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gtctgccttt tcccgttgtg tagtatgtaa gtattagctc aggcataa 108

<210> 24937
<211> 243
<212> DNA
<213> Homo sapiens

<400> 24937
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actttgtcaa agttgtttta gttatctagg tcttttgcac ttccatatga attttataat 180
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cgc 243

<210> 24938
<211> 350
<212> DNA
<213> Homo sapiens

<400> 24938
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atgtgatatg gtttggtctc gtgtcccccac ccaaattctca cattgagttg taataatcaa 180
tgtcaagggt ggaccagggt gaagtaattg aatcatcggg gcagtttccc ccatgctgtt 240
cttgatgatg tgagtgaagt ctcacaatat ctgatgggtt tataaacgcc tggcatttcc 300
cctgctggma ctcattctct ctcctgccgt gctgtgaaaa ggtgccttct 350

<210> 24939
<211> 325
<212> DNA
<213> Homo sapiens

<400> 24939
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tagcgcasca ttaccact gagtgccctt ggatagggtg ctaacttctg ggcttcagta 180
aatggggcta tagctggagt gcccacgtac taggatcatt gatgaatgtg agctagggtga 240
atatataaaa atactcaact ggagcctggc acatagtaat acgtggtaat ggtaagaatg 300
ttgaatgttc ttcttttggg gcccc 325

<210> 24940
<211> 152
<212> DNA
<213> Homo sapiens

<400> 24940
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ggcaatgaat ggtgggatag taagaggact tagagtgtat gaatgagttg attttacttt 120
tttgaattt gattaagttg acagtaggct ac 152

<210> 24941
 <211> 198
 <212> DNA
 <213> Homo sapiens

<400> 24941
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 agaatttctt tcccatgtaa ctacctcact tgcttcatca tcagctccct cacctaaacc 180
 ttcagtaacc ctttcttc 198

<210> 24942
 <211> 175
 <212> DNA
 <213> Homo sapiens

<400> 24942
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 actgtttag ggtaatgcc aattgcttac tgtgttgaa ttttctcct taagactttg 120
 gaggttctct tacctggcct gtcgtacacc cagcaagcac cttcrcactg accac 175

<210> 24943
 <211> 78
 <212> DNA
 <213> Homo sapiens

<400> 24943
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 tttctggcat ccaactct 78

<210> 24944
 <211> 176
 <212> DNA
 <213> Homo sapiens

<400> 24944
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 aatgctgtgt tgggtagaat aggttttccc ctcttttggt aaataatatg gctatgctta 120
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<210> 24945
 <211> 190
 <212> DNA
 <213> Homo sapiens

<400> 24945
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 gggcacttca ggmaaccggg gcctccaggg ggaraaaggc garaagggar aggacggytt 120
 cccaggcttc aagggcgatg tggggctcaa agtgatcag gggaaaccog gagctccagg 180
 tccccgggga 190

<210> 24946
 <211> 271

<212> DNA
<213> Homo sapiens

<400> 24946
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tgagaagtct ggtgccagtt tgagtttgat tccaattctt ttatagatga cttgtatatt 120
cctttctgaa agcattgagg aatattctgt ttatcttttg attacttgaa atttcaaagg 180
atgtgtctgt tgtgggacgt ttgtcattca tcctttcagg actctaggac ttttttaacc 240
tggagatttg agtacttctt tagcttgggg t 271

<210> 24947
<211> 135
<212> DNA
<213> Homo sapiens

<400> 24947
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tcaaagatcg gttgattgta aatatttggtg ttaatttctg ggttctccat tgtgttccat 120
ttgtctatgt gcctt 135

<210> 24948
<211> 161
<212> DNA
<213> Homo sapiens

<400> 24948
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ttcctatctc tacttggtcaa aatcattcaa ggtcccactt aagttctacc ttctcctaga 120
atcttttctg gtctctctta gactatctct ccacctgtga c 161

<210> 24949
<211> 297
<212> DNA
<213> Homo sapiens

<400> 24949
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ctggaaaggt cttgcttggt tcttggttagg attcttgata cttttgagtc tgtttcctcc 120
tttggtgtgt cataatgggt attgatgggt tattgggaag ttatagataa tttggatgtt 180
gatcttagag ctaacaatga tgctgagctt tctaattcta ttgtcaattg attctcttgt 240
atcgggtttt ttaagtaagc gaaaagggtct gcgcgtctgt gatggaagcc ggtccgg 297

<210> 24950
<211> 153
<212> DNA
<213> Homo sapiens

<400> 24950
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gaggcaggcg gatcacctga ggtcaggagt ttgagaccag cctggccaac atgatgaaac 120
cccgtctcta ctaaaaatac aaaaaattag gcc 153

<210> 24951
<211> 110

<212> DNA
<213> Homo sapiens

<400> 24951
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acaaggtcag gagatcaaga ccatcctggg taacacagtg aaaccccata 110

<210> 24952
<211> 290
<212> DNA
<213> Homo sapiens

<400> 24952
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tattcaagat cttctatgct cttgttcagg taatatctgt gaagcagttt ttatgcataa 120
aaagttagtc tgtcatttac cgtgttaaaa attaacaaag aatttcagca tttgaataat 180
agttaacttg aaaatctaca ttaagtggat gattttctag caaaatagaa attgcaaaaa 240
ttataagtct aaacaagcat acttcctccc caaacacata aacaaccctt 290

<210> 24953
<211> 355
<212> DNA
<213> Homo sapiens

<400> 24953
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tcatctgtgt aataaaaaaca gcagcagtat ctacttctta ggtttggtat gaaacttaaa 120
tgacagaacg catgcacagc attgagtagt aagagaaaag gcctagttaa tgtagctgg 180
tttttttacc attattatta ttattttaca gtgcttacta tatgccaaaa accatgttag 240
atgctcattt aattttttatg aaaatttgca taattttaat tttttaacag tctttgggat 300
agatattata tcaattatga ttggagaagt taagtaattt gcacaaagcc gtcac 355

<210> 24954
<211> 108
<212> DNA
<213> Homo sapiens

<400> 24954
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gttcactagt gaagccatgt ggggccagat gtttggtttg tcggggag 108

<210> 24955
<211> 218
<212> DNA
<213> Homo sapiens

<400> 24955
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taaatacata cacatatgtt tttttggtag ataagtgcta attacatata tgtaatgctt 120
tattaaattt ctgaaatatt tggtaactaa aattttcttt ttggaaatta ataaatccag 180
atacatatta atgttgatat gagtaaaaaac aaatagga 218

<210> 24956
<211> 150

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<212> DNA
<213> Homo sapiens
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<212> DNA
<213> Homo sapiens
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<212> DNA
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<210> 24960
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<212> DNA
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<211> 148
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<212> DNA

<213> Homo sapiens

<400> 24961

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atattaacta tagtcacat gatttacaat agttctcttg aacttatccc tcttatttaa	120
ctaaattttt ctgtcttttg atcaagct	148

<210> 24962

<211> 141

<212> DNA

<213> Homo sapiens

<400> 24962

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tgtttggtgc aattgtttcc aaaactttga rataacgaaa cccctattca aatgttaaatt	120
ttaccatttc ccacctgata s	141

<210> 24963

<211> 137

<212> DNA

<213> Homo sapiens

<400> 24963

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aggaggwsga ggaagaagaa gaggaggagg aagaggaaga ggaggaggag cagcagcctg	120
ctaccaccac ggccatt	137

<210> 24964

<211> 92

<212> DNA

<213> Homo sapiens

<400> 24964

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tcagacgcca tccttgttct agctacctcc aa	92

<210> 24965

<211> 309

<212> DNA

<213> Homo sapiens

<400> 24965

tacagcaaag aaaggattct tctcaaagcc atcgctccgc agcaggaaca ccattttcac	60
cctaggaacc cgcgggctct gtcaatctcc cccactgaac ttgaggcccc catcctgggtg	120
cctcacacag cgcasscgga gagcagaggt atccatttga ggccctcttc cgcagccagc	180
actacgccct cctagacaat tctgcccgcg aatacctttt catctgtgaa tttttgttg	240
tgtctggccc agctgcacac gacctgttcc atgctgtcat gggccgtaca ctcagcatga	300
ccctgaaac	309

<210> 24966

<211> 231

<212> DNA

<213> Homo sapiens

<400> 24966
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 gctgaataaa tggcttgtaa agaagttttt ccaagctgta acccatgctg ttattatagt 180
 tgctgcaaaa tgttcttcct gatattgatt ttatttgta actgaagggc t 231

<210> 24967
 <211> 349
 <212> DNA
 <213> Homo sapiens

<400> 24967
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 cttctcaaac aaaaagaaaa gaaaaacgaa tgattcatct gctttaatca gtgtgattaa 120
 tgcagcacc attgccccgg gaaccgtttc tgctgtacta tctggatact aaaatgttac 180
 ggaagtagct ctttgttctc cctcactctg cccttagtta atagaaattc agactcgcca 240
 agtaaggctt cgtgcatagt gtcttcatgt cgcgatatgt tgagcgcgtt cttagcagtt 300
 ggcttcatgg acaactcatt agtgttttga cttttcttac ccagcgaa 349

<210> 24968
 <211> 276
 <212> DNA
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<400> 24968
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 aaataaatag ctccactttg ggcaggtaaa gtgaagtgtt gagtaaattg tttcttcata 120
 gtgaataaag aaacggttat ggaatgccc gcataagcct taaacacatc cactcttccc 180
 cctgggtgaa gccacaatg atactagggg gatagttatc attcctgcct gcaaccaga 240
 actgaggaaa gaggaccagg aagaatacca gggctc 276

<210> 24969
 <211> 200
 <212> DNA
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<400> 24969
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 tcgagcagtt tccagctcc tgggtaaagg agcagtctcc tcccttgctt gggactctgg 120
 acgcatctca ttccggtgaa agtaaggagc agcttaggac cagaagcctt tcgaggagaa 180
 aaggctgaca tgcccgtccg 200

<210> 24970
 <211> 176
 <212> DNA
 <213> Homo sapiens

<400> 24970
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 agactctaaa ttgaaaaata tagtatgac tatatttgac cctaaaaatg ttgcattaat 120
 ttaacaaata tggcagattt ttcataacta agtcttaagt cttctaaaag gaagca 176

<210> 24971

<211> 152
 <212> DNA
 <213> Homo sapiens

<400> 24971
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 ctttagatcc tctaaagagc tagagtcaaa agatttatct tcaagttagt cctttttaat 120
 gaaaccgatg cttattttaa tccagttagc cc 152

<210> 24972
 <211> 180
 <212> DNA
 <213> Homo sapiens

<400> 24972
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 taaaagtagg tcagggttaa tattaagagg tactcttccc attgaaaata catcttagaa 120
 aataagattt ggaaaagctg ttavcctgtg wwtgaccct gccaggagat cgtgccagat 180

<210> 24973
 <211> 222
 <212> DNA
 <213> Homo sapiens

<400> 24973
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 atcatgaagc caggagtter rgaccagcct gaccaacatg gtgaaacccc atctctacta 180
 aaaatacawg mrttaacagc agagcgagac tctgtctcaa aa 222

<210> 24974
 <211> 338
 <212> DNA
 <213> Homo sapiens

<400> 24974
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 ctcatgcttg taatcccagc acttcaggag gctgagatgg gtggaatcac ctgaggtcag 120
 gagttcaaga ccagcctggc caacatgttg aaacctcgcc tcaactaaaa atagaaaaaa 180
 attagttggg catggtggtg ggcacctgta atcccagcta cttcaggagg ctgaggcagg 240
 agaattactt gaaccagga ggcggagggt gcagtgabhv gagcttgtgc cattgcactc 300
 cagcctgggc gacaagagca aaactcttca aaaaacaa 338

<210> 24975
 <211> 395
 <212> DNA
 <213> Homo sapiens

<400> 24975
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 taaacacctt agccatttag atttttatat aggattgttc tgttgagtaa atgtttgatt 120
 tgaatttaaat tttttcagga aactatgttg agttatttta attctttggt atttttcttt 180
 gcttttcccc aggagccaaa gtgaatgatg tggttccatg ggtgttgat gtgattttaa 240
 ataaacatat catcagcccc aaccacacg tgaggcaagc agcctgcac tggtctcttt 300

cccttgtcag gaagctaagt acccaciaag aagtgaagg tgagccatgc tgtatgtggg 360
cagccctggt ggaaccacag tattataagt agcaa 395

<210> 24976
<211> 183
<212> DNA
<213> Homo sapiens

<400> 24976
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aggtgatgtg ttgtcatatc ctgtgataca ggctactcat ctggccttct gtttctgaag 120
tttaagtctg gtttgaatat gtaataatac tactcagcat ttcttggtgc ctaagtgaga 180
cag 183

<210> 24977
<211> 241
<212> DNA
<213> Homo sapiens

<400> 24977
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gttgaatggt tatgtaactg atggcttttc tataatgtaa tttttgaatg ttcagggtgtt 180
acatttccaa rgtttaactt ttaaaaaacc atcttctgat cccttttatt gtccgggcca 240
a 241

<210> 24978
<211> 103
<212> DNA
<213> Homo sapiens

<400> 24978
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agatcggagc aagtcctggt aagaagccaa agactgggac ggc 103

<210> 24979
<211> 193
<212> DNA
<213> Homo sapiens

<400> 24979
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acataaattt ttcaactcat aagckattta aaatcttttc acttaagata cctgttgaaa 120
ttttgttttag gtatctggcc aggaacagtc ttcacgggga caaagaattt tatctattcc 180
aattcgcccc cca 193

<210> 24980
<211> 306
<212> DNA
<213> Homo sapiens

<400> 24980
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tggtgggaga gtcaagtrat tgawtgacgt gaatttcctg gagtttccat aagttcctgt 120

aaatttagcc tccaactgaa ataaaccaac tgaatgtaag acatcagrsc ctaaagaacc 180
 aaagttgtka tytctgtgga agaccagcca acctattctc acagctgaaa caatggatct 240
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 aanaat 306

<210> 24981
 <211> 127
 <212> DNA
 <213> Homo sapiens

<400> 24981
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 ataatatgta tgattccatc tcatttcctt taactgagct caaagttaga aagaaaatac 120
 tgccctt 127

<210> 24982
 <211> 158
 <212> DNA
 <213> Homo sapiens

<400> 24982
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 gcaattgtga atcgtgctgc tataaacatg cgtgtgca 158

<210> 24983
 <211> 153
 <212> DNA
 <213> Homo sapiens

<400> 24983
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 gttcattagt attcatataa accgttatgg tggtaaaaga aagacaggtt ttaattagat 120
 ataaggactt aagtaacctg cagaactggc cct 153

<210> 24984
 <211> 375
 <212> DNA
 <213> Homo sapiens

<400> 24984
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 ttacacacac acacacacac acacacacac acacatatat attgcataag gagagattgg 120
 acttctagtg tatgcatcac ccaaataatg accattgtac cccatagata ataatttttc 180
 aaccaccaac ttccttccag ccttccact tttgaagccc ccagtgtcta ctctttccat 240
 ctttacgttc atgtattaag tgctgagctc tagaccaatc atgactaaat aactgcatgt 300
 cctctgttat atcarcta atarrgggtaa ctaataaagt gataatttga ttccatgcaa 360
 tggatacatc tgatg 375

<210> 24985
 <211> 77
 <212> DNA
 <213> Homo sapiens

<400> 24985

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acagggaatt gggagcc 77

<210> 24986

<211> 144

<212> DNA

<213> Homo sapiens

<400> 24986

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wtttggtcc agaaactgaa tttacagttg gagtagctga ctcaaaagtt acttgcttaa 120
aattaaaagt atgagaaacc cccc 144

<210> 24987

<211> 159

<212> DNA

<213> Homo sapiens

<400> 24987

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cacctatcaa cccgtcatct aggttttaag ccccgcatcc attacgtatt tgtcttaatg 120
ctgtccctcc ccttgcccc cccccccaa caggccctc 159

<210> 24988

<211> 143

<212> DNA

<213> Homo sapiens

<400> 24988

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gaggtgagga ggaagggagg aga 143

<210> 24989

<211> 267

<212> DNA

<213> Homo sapiens

<400> 24989

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ttcgtctctc gcgctacaca cccagattgg cttccagcgc gcaggtaaaa cctggctgtg 120
ccctgttgaa atcaattctg ttgcagtcac atgcggtgga atctgttctt cttttgcac 180
ctacgtaacc agaccaagct gtgggcttct caaggtagcc tccaggatgc acagagttag 240
agaggatgct tttccctaaa ccaggat 267

<210> 24990

<211> 233

<212> DNA

<213> Homo sapiens

<400> 24990

caagatctca ttcatttata tttcaagcct taattagtag gctgtatcct cttgtagcta 60
taagtagcac agagcttagt actgtactta attttcttt cagtcctttt caatatatca 120

gttctcccca aatgaaatac agtcttccag aagacaggat ctccactttc ttctttatcct 180
 tggcattttc caaccctgg ctcaactctgt tatgatattg agcaactccac tgc 233

<210> 24991
 <211> 338
 <212> DNA
 <213> Homo sapiens

<400> 24991
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 tgaaccgat agcacatagt gaagactcat tatctttatc aatgatgtgt cagttggagg 120
 taaaaattag gtcccttttca atatccagtgt gtgactgtgc tcctaggaag atcagccaag 180
 gatacacagt ccgaaaagtt tatagcttag gtaggttaga ttaagtgcag tgcctctcta 240
 gtacacacct ggatgtgact cttgtgtcca catgtttttc aaacctggca ggaacaataa 300
 cccatttcag aatgacttc taaaaaggct atttttgc 338

<210> 24992
 <211> 178
 <212> DNA
 <213> Homo sapiens

<400> 24992
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 cagtttgagt cctgcctact ttgactttta cgttcccatt cctgtgttac caccttcctc 120
 ccgatttggt cacctatttt gtgcttttaa tctcaataaa atacttactg agggatg 178

<210> 24993
 <211> 176
 <212> DNA
 <213> Homo sapiens

<400> 24993
 gaacgagcac cgactggatt aggaggcgag agtggccttt ttctggcagt cgtaatttta 60
 atggggcctt gcgattagtc tctggcaaac tttagcaata ggctccctag ctgtttgacg 120
 tcggtgttga gcagaagatc aaggatccat tttgtaggac aaagacggga agagaa 176

<210> 24994
 <211> 226
 <212> DNA
 <213> Homo sapiens

<400> 24994
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 tttctaattgc tctgtgaggc caaacattta tgttcagatt gaaatttaaa ttaatatcat 120
 tcaaaaggaa acaaaaaatg ttgagtttta aaaatcagga ttgacttttt tctccaaaac 180
 catacattta tgggcaaatt gtgttcttta tcacttccga gcaaat 226

<210> 24995
 <211> 90
 <212> DNA
 <213> Homo sapiens

<400> 24995
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ccaggccac crgccccgm agccccgcc

90

<210> 24996

<211> 182

<212> DNA

<213> Homo sapiens

<400> 24996

ctcamakrat gtcattttgt catasatctc tgamaatgac cttgaaaact tcccataaaa	60
atcaacagaa cttacgatgt tcagagcata agaaataaat gtcaccttca agattcatca	120
aaatgagctt agatgaaatt ttaattgccca tactcaagcc acttaaataag ttaaccmmgg	180
ac	182

<210> 24997

<211> 246

<212> DNA

<213> Homo sapiens

<400> 24997

ccaggtagwc cagcagccct tctgaraaa actgtttcat catcataatg cctktacttt	60
tttgtcaaaa attaatcgaa tgtattaatg tgtttctatt tgtgaactct ctatctcatt	120
ttatccgttt gttctttcac taataccaca ctgtctccat tactgtagct ttagggtaag	180
tcttgaaatt gagtagtgc tgtcctccaa gtttgttctt ctcttcaat atgggtgttag	240
ctatcc	246

<210> 24998

<211> 178

<212> DNA

<213> Homo sapiens

<400> 24998

acgggggttt accatgttga gcaggctggg ctggaactcc tgacctcaag tgatccaccc	60
gcctcggcct cccaaagtgc kgggatacat gcatgagcca ctgtgcccag cctatactaa	120
ttgtttctta agtacagcca actctggagc tctggtctac atagctctta cccagcac	178

<210> 24999

<211> 209

<212> DNA

<213> Homo sapiens

<400> 24999

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tttaggatrc tgaccctgc actaccttag aacatgttga tctgtgagtr cccaagcccc	120
tgagggtcgc atctcatggg gcagatgaaa ttctcttctt tagaggaaag ggaaagggtga	180
ggccccagag gamttatctc agctgtaca	209

<210> 25000

<211> 251

<212> DNA

<213> Homo sapiens

<400> 25000

atttctgatt tgaaagggaa gagtgcacaa gattaactgc ttctttggat gaatcattgt	60
taataaaaag ctgggcattt agaattttgc cttataagcc cttctccaac cataagatta	120

ttttgtacca aaaacttttg tggttctctac caaagcagtt aaaaactttt agcctgctac 180
 ttcttgtatt tgtctactga cagccccttg gtactattta ggttggggga ggggacctaa 240
 aataaataga c 251

<210> 25001
 <211> 203
 <212> DNA
 <213> Homo sapiens

<400> 25001
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 ggtagtacga cttggaaagg gagagaggat ccaaattgta ccattttgga aattcacagt 120
 aataggaagc acagaacagt aggttaattgg accataggaa ggcaggggtc aagggttata 180
 gaccaagtta caaagcagcg aag 203

<210> 25002
 <211> 191
 <212> DNA
 <213> Homo sapiens

<400> 25002
 gcaacctccg ctttccaggt tcaggcgatt ctctgcctc agcctcccaa gtagctggga 60
 tkgcaggcat gcgccaccac acccagccaa ttttgtattt ttagtagaga tggggtttct 120
 ccatgttggt caagctggtc tcgaactccc gacctcaggt gatcagcctg tctcggcctc 180
 ccaaagtgt g 191

<210> 25003
 <211> 155
 <212> DNA
 <213> Homo sapiens

<400> 25003
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 ctgaaagcat tactgaatga ggtaataatt cttgaagatg aacttgaaaa gcttggttgt 120
 actaaagaaa cacaagaact agtgtcagag gccca 155

<210> 25004
 <211> 241
 <212> DNA
 <213> Homo sapiens

<400> 25004
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 gaggctgagg caggagaatg actcaagtct aggagtgagc tgtgatggca ccaactgcaact 180
 ccagcatggg tgacaggmag agttcatctc ttaaaaagaa garagaaaaa tttcattagg 240
 t 241

<210> 25005
 <211> 170
 <212> DNA
 <213> Homo sapiens

<400> 25005

ggagatgttt tcaagcccgg ctccggcggc ttacagggcg gctgcagcgg cgacgaagac 60
 aacgacagcr acggctacgc cgaagcactc gttccggggg tgaagcctcc tgcgccggcc 120
 ttgcctcggg tccaggatga gaagactgat aaaagaagaa gctagctgag 170

<210> 25006
 <211> 209
 <212> DNA
 <213> Homo sapiens

<400> 25006
 aactcatagg agtagctgtg gacagaggaa ccaacatctg ccacctctgg ctttttcttt 60
 cttktttktt ctttttgaga cggagtttctg cttttgtccc ccaagctgga gtacaatgac 120
 aggatctcgg ctcaactgaa gctctgcctc ccgggttcaa gcgattctcc tgcctcagcc 180
 tccaagtag ctgggattac agggccccc 209

<210> 25007
 <211> 277
 <212> DNA
 <213> Homo sapiens

<400> 25007
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 agtcatttta acttacagaa attaggattg ttgctgctaa tatgaatacc aattataact 120
 tttagaaca agaataaagc ctaaaagaga atgaaatata agaaatgttc gttcccaccc 180
 ctaataacat ttggaagtga atattcccat tttcttcac ccacagggat tgggattgat 240
 ttttaatttc ctaggaaaca atactagact accccat 277

<210> 25008
 <211> 446
 <212> DNA
 <213> Homo sapiens

<400> 25008
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 tgaacctgag acagccaaca ttgagttgat ctctagatca gctttacaga atctaacata 180
 gtaacctcgg tttcacttgt cctgggcact cctggctgct gttccatttt tgcctttwcc 240
 ttttatatct actacacatt gtctaaagag ggcttattcc ccttctcttt cctatccact 300
 ggtcacctta ctccaacatc agtgggtttc aaccctggct gcattttaga atcacctgga 360
 gagctttcaa aaccaccagt gcctadgtac catcctaagg cagtaggtca gaatctctag 420
 gtatggggct gggcatcwat gttttt 446

<210> 25009
 <211> 209
 <212> DNA
 <213> Homo sapiens

<400> 25009
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 attaaaatac aaatcccatt acatttggtt aaaatgaaaa tctctgctta atggaaaaaa 120
 tactaatctt tagcctatct tgagtctata agatatattt catttttagac atgccttcta 180
 agttgttcac agatttttac ctgctaatt 209

<210> 25010

<211> 418
 <212> DNA
 <213> Homo sapiens

<400> 25010
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 tgtttggctc ctgacccctt agacaagtca gccaatctg gcagtgatag aacataatgg 120
 tttcagagcc tctcccat aagacaaaaa tgactcccr rtgagttgct gaagagccag 180
 aacagatctt ctctcacatg agtmttgaca ctctgacaaa gcatgaagtg aaggctcata 240
 taacaaaact gtgtttggtt gagttggctt caagattagt ttgttataaa tgactacttt 300
 tctattgctt ttactttttc ttgtcatgag ccgcctttct tcttaaattg tgtttagtac 360
 tttgcattgt tatgtgtgat ctaccagtta tataccatac tttcaattct gtatatat 418

<210> 25011
 <211> 110
 <212> DNA
 <213> Homo sapiens

<400> 25011
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 atggacattt gggttggttc caagtctgtg ctattgtgaa tgggtgccgta 110

<210> 25012
 <211> 206
 <212> DNA
 <213> Homo sapiens

<400> 25012
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 ttcaacatag tggttgaagt tctggccagg gcaatcaggc aggagaagga aataaagggt 120
 attcaattag gaaaagagga agtcaaattg tccctgtttg cagacgacat gattgtatat 180
 ctagaaaacc ccatcgtctc aagccc 206

<210> 25013
 <211> 293
 <212> DNA
 <213> Homo sapiens

<400> 25013
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 acccggcagc gggcgatasg ggggccaggt gcctccacag tcagccatgg cagcgtgcg 120
 ctacgcgggg ctggacgaca cggacagtga ggacgagctg cctccgggct gggaggagas 180
 aaccaccaag gacggctggn ntttactacg ccaaatttgc catacggatg ggaacaagaa 240
 actgatgaga acggacaagt vnttttggtt accatatrva taaaagaacc acc 293

<210> 25014
 <211> 144
 <212> DNA
 <213> Homo sapiens

<400> 25014
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 tcattctaga tcagtctcta ataagtcacc atcatcaagg gaattcactt tttgtttttt 120
 tatttcaata ggttttgggg gaga 144

<210> 25015

<211> 148

<212> DNA

<213> Homo sapiens

<400> 25015

ctgtgagcct tctgctttaa atctgatgta agaaactcct gttaacaaat agtaagtatg	60
ggtaattag ccctttgatc aaagcctagc ttacatttgt ttaggatctt tggaaaacaa	120
ttggttttgt tgcccacttt ccgtcgaa	148

<210> 25016

<211> 141

<212> DNA

<213> Homo sapiens

<400> 25016

atcctcagtg aggakggcgc ccctgcatcc gtcgccggcc ccggtctcca ggggcctcab	60
ccgagtcawg mcccgtctatt gcgmasgatt tgttgtaaga accgccgggg gacgakacaa	120
ttaagaccgg aagctgagtt t	141

<210> 25017

<211> 327

<212> DNA

<213> Homo sapiens

<400> 25017

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tccctcaaat ggacactcca tgctggaagt gtgtgagttc aagctctggg agaactggca	120
gttgcccaca tatgttggtc agataacccc tcttgctcag ggcaaagagg cacattgaag	180
aatgaatgtc tgaaacagcc ttgataattc aagataaata cctctaaaat gataatccca	240
gatgcttagt tcaatttttt gttattcaag attacataat gctgtgaaat aaattccaat	300
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<210> 25018

<211> 127

<212> DNA

<213> Homo sapiens

<400> 25018

ttggaaaatg tttttagata ttcataagct ttcggtattt aataactaata tttgtcacca	60
gccaaacaaa tattttctaatt tatcttggtg attagacctt agttatttta tcatattagc	120
tccttat	127

<210> 25019

<211> 369

<212> DNA

<213> Homo sapiens

<400> 25019

tagctaaaaa tgtgactggt ttctaagata tttgaataac aagatgtaaa ttgtttactg	60
tgatagctaa gcctataatt actatgtgat atcataggca attaaactgat tttaacacct	120
tttagagatt caaatttagac tctcagtga tttgcaaata ttctttttctc cttttaagat	180
atgattgtag cttttttaat acgtttttat tgaggtaaaa tatgtgtaaa atttactgtc	240

tttaccatth ttatgtgtac agttcagtg taataaatac atthtatattc tttcccttc 300
attctttcct cccactacc ctctcagcc tctgctaate accattctac tcttatcttc 360
atgagatct 369

<210> 25020
<211> 105
<212> DNA
<213> Homo sapiens

<400> 25020
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gtgtctctag gctatgagtc tttcccaagt ggttcctgc cacct 105

<210> 25021
<211> 198
<212> DNA
<213> Homo sapiens

<400> 25021
gtaataaaat cacaacatat attgaaggth tactatgtac tagatgctat ttaagtgctt 60
tatattaact cgttgaatcc tcagaataac catatgatgt atgttttgca ccctattttt 120
taaattgttg ttttttaacc ttttaaaaaa agtatggatt aactggacaa gcaaagaaat 180
ttacagggaa gtccacag 198

<210> 25022
<211> 106
<212> DNA
<213> Homo sapiens

<400> 25022
aaggagacgc cattagaggg aggcagagag ggatcgttct tcgcttttcc tccggtgcct 60
gacgtggttg gctggggccc ttcattctcg gactttccct cagcct 106

<210> 25023
<211> 110
<212> DNA
<213> Homo sapiens

<400> 25023
actatgttaa tatcagacaa agccgacttc aaaacaaggt atgttgccag agatcattaa 60
ggacatttca aaatgatcaa agaattaatc atcaagaaga cgtaacaggc 110

<210> 25024
<211> 316
<212> DNA
<213> Homo sapiens

<400> 25024
taagtaaatt gtagtatatt tatacaatgg aatgcaacac aatactgaaa aatgaatgaa 60
ttacacctgt gcttaacaac ttggatcatc ctaggaaaat aatgwwcgaa caaaacaaat 120
cactraagaa tatagtgtga ttccatttat atagratcaa agaacacgca aaattaagta 180
atatattgtt taaggatacc aatacacata atacaagtct atgataaaca taaaatttag 240
gaatgagtga atttggacac agagtagata tcacargtca ggataatgtg tgtttaaaaa 300
aaaacgatgg tggtaa 316

<210> 25025
<211> 194
<212> DNA
<213> Homo sapiens

<400> 25025
ttcccatcat tgaatctggt accttcacac tcagatcctt gattgctctt tggattaaat 60
taaggcatgc gaaagaatca cttgtcattt ctaataaaga ctgggttgaa aacctgattg 120
aggctggcat acctgtgaag tatgagtcac cacttgccca atttttattc tgcattatag 180
tactagagcc cggt 194

<210> 25026
<211> 128
<212> DNA
<213> Homo sapiens

<400> 25026
cactattgcc cccaaccccg ggattttggg tggctctcac agccaccatc atacactcat 60
cccgtgtttt cttccaaaaa gtcacctcag cagcctcccc aggcgatata gagggagagc 120
ccagagcc 128

<210> 25027
<211> 56
<212> DNA
<213> Homo sapiens

<400> 25027
tagaattggg gcttttgttt tcaaaagagt gttctttata tattctggat attttt 56

<210> 25028
<211> 291
<212> DNA
<213> Homo sapiens

<400> 25028
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cttatcacct ttagctctaa cattaagaac agctgcacat atatcatcac tgagtcacat 120
aaagattctc caataagaca cagtagagtc tctagccaaa agtgattgag gtcccttcat 180
ctctgctgtt tgttcaatgt aaattagcca tcacccctcc tgtttgtttt tctcatcttc 240
ccacatgggc tcaacacat ccttaaaaag tgagtagtca cagccagaga t 291

<210> 25029
<211> 249
<212> DNA
<213> Homo sapiens

<400> 25029
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actgcggccc aagttaggat taggacagcg gtttttcagt ccggagattc cggccacaac 120
tatttttgtc tgtttttatc gtaagccaga gtctttgggt gcagctctgg gacacctaaa 180
gggcctggag aaattcaggc ggggccagtg ctgtgggggt agatgttaga cgtggaaggg 240
accctagag 249

<210> 25030
 <211> 105
 <212> DNA
 <213> Homo sapiens

<400> 25030
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 tgccagaggg ctttgctaca ctggcccat ctgcggagag tccaa 105

<210> 25031
 <211> 274
 <212> DNA
 <213> Homo sapiens

<400> 25031
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 ttggadggaa ggwakataca aaaagattgt ggtaaaaact ggggtcagtg ctcttggtgc 120
 cttttctata attgtacttg ttttttaatt acttccttc actgccaacc tcgaattact 180
 gtacagtata tgtctttctg cttgtgatca gctttgacaa cagtgcagc cccacaacta 240
 gtagccacct gtacatttgt aaactgacct gcct 274

<210> 25032
 <211> 431
 <212> DNA
 <213> Homo sapiens

<400> 25032
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 cataaaaaaga caaatgcaaa ataaaaataa ataattgaaa tacctttctt acctgtgaga 120
 ttgggggaaaa tccaagttag gcaatgcact ctgttgagac aatagggaaa caggcactcc 180
 aaaaattaca aatccctgtg gatggtatct gttaactagc aaagttaa atgagtatatcc 240
 ttcaacctgg cagacccagt tctaagaatc catatgagat gcacttgcaa gaatatgaaa 300
 tagtatatgc acaaagatct tgattacagc actggttcta atagctacag actggaagcc 360
 agccaaatct ccattgatag ggaattgatg gaaggaacta ggttatatct atacaatggg 420
 atactacact a 431

<210> 25033
 <211> 141
 <212> DNA
 <213> Homo sapiens

<400> 25033
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 agtcatgggt agagatgggt agcgggctta gttgtttgga ggtccattg aggttaaaag 120
 ctattaagag tataggtgac t 141

<210> 25034
 <211> 419
 <212> DNA
 <213> Homo sapiens

<400> 25034
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 agatgatatg gtccatctgc cagcctagtt tccagtatga cagatatatt aatgatgggt 120

tagtggttaaa	ttattgggac	caactatgta	ctgagtactg	gggaatagaa	aaaaatacat	180
gaacaccaga	gacccctggc	tgggaaatat	ttaatgttca	tttatatgga	gggttttagga	240
tgaagatfff	tggttaagtt	tctatgtaca	gttttacaca	tggggctgat	ttagttttca	300
tgtacttggt	ggaggagtgw	wcttttaggtt	agaaatcatt	cctggagaac	aaaataattc	360
aacagaatac	tagaagcctt	tagttaaata	tgtaacagca	tgaatgaaga	tgatgggac	419

<210> 25035
 <211> 167
 <212> DNA
 <213> Homo sapiens

<400> 25035	
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agaagttaac	ctagcactga
tactgtactt	tcacagattc
acagacatta	taatttatgt
gatttatata	aaaggttaca
ttcagagcat	ggctaaccga
aacatgttcg	tctgcttatt
tttattgctt	attaaaactt
acaagac	
	60
	120
	167

<210> 25036
 <211> 255
 <212> DNA
 <213> Homo sapiens

<400> 25036	
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gcagcatata	caataatgta
attgtttaaa	aatacacatg
ttttttataa	maacgtcttt
catttagtgc	cctta
gcttctctat	gataattaca
acacagttga	ccctatffff
gcttactgtg	cacctagagc
gttttgatt	ctttaaatat
atataaaggt	tccattcagt
tgacacttcc	
	60
	120
	180
	240
	255

<210> 25037
 <211> 248
 <212> DNA
 <213> Homo sapiens

<400> 25037	
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atttatattca	gttctgaata
aacttttagca	gtttgtttac
ctcatatgaa	atgataaatg
aggaagtt	
aatgttagga	aaattagtaga
cgtgatgca	gtttcaaatt
gtaccaaactg	tggtcaacat
ttatgatacg	gtcaataaaa
tggtcacattt	aaccaattga
aattgataca	aaaatccaac
tggttatttca	
	60
	120
	180
	240
	248

<210> 25038
 <211> 321
 <212> DNA
 <213> Homo sapiens

<400> 25038	
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atacctffff	cttagtffff
gattgtctca	aatctccaag
ggacctatac	agtttaaacc
accatfffft	cagtgcctca
gtcctcaaaa	caatacccg
atgatagagt	agtatctaca
ctaggctacc	tggtttatga
atgtttcttg	aataaaatct
acgggtcaat	tatatagctc
tgatggctgt	catttgggct
ctcaatffff	
	60
	120
	180
	240
	300
	321

<210> 25039

<211> 227
 <212> DNA
 <213> Homo sapiens

<400> 25039
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 tgtattatcc caggatgtat attatgtatc gctgttttca gagtgtgggt gaatatagca 120
 gaaatattac agcggaaagt acaaatttac aacttttatt atagaaagaa ggtgtttctg 180
 gcaatgtaat ctttactgct ctcaattaaa aataattttg aggcgct 227

<210> 25040
 <211> 147
 <212> DNA
 <213> Homo sapiens

<400> 25040
 aatctaacat catacataat cttaggatta ttctgggaat aatgttaaatt ctagtgatgt 60
 cagttggcat aatgagaaac tctgggtgta gatacagttt caatcagttc atgascattt 120
 aattacttca ggaagcaaga acgacgt 147

<210> 25041
 <211> 172
 <212> DNA
 <213> Homo sapiens

<400> 25041
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 aaaaatcaag gtaataaaaa acggccaact ctttcaggaa aaaaaaaatc cggtattttg 120
 tactacttga gtttctctaa tgcctaaaaat atgcatttaa atcatccac aa 172

<210> 25042
 <211> 65
 <212> DNA
 <213> Homo sapiens

<400> 25042
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<210> 25043
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 <212> DNA
 <213> Homo sapiens

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 gacctcgc 128

<210> 25044
 <211> 307
 <212> DNA
 <213> Homo sapiens

<400> 25044
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ccacttctac cttcagaagg ctgtctcctg cgaggaccag aagttgagcc aaggcacatg 120
gaacttaca tagcagatgg taagaaccag ggcagaagga gaactcctga agcctccgaa 180
gaaggaaatc attacagggc cctačagaag taggtcatgt gctacagctg ctcatagttt 240
aagaggaaga aacatgggat ctcaaactg gaacacgact ctttcaaat gcttgtgagc 300
aaccgcg 307

<210> 25045
<211> 73
<212> DNA
<213> Homo sapiens

<400> 25045
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ttatctttga ttt 73

<210> 25046
<211> 156
<212> DNA
<213> Homo sapiens

<400> 25046
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ataaaccaag tactttttaga gctaggaaaa ggcttagaca gcbacacaac aatggtaagg 120
agattwnvac accccactga cagcatgaga cagcgg 156

<210> 25047
<211> 121
<212> DNA
<213> Homo sapiens

<400> 25047
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aatggttctg tgaaataata gggtagaggg aggtggtttg ctgattaagt tgctcattac 120
c 121

<210> 25048
<211> 126
<212> DNA
<213> Homo sapiens

<400> 25048
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cctatgtaat ctgatgtctg ctgaccttc cagtcccatg tctcaccatg ctagttcttg 120
atcccc 126

<210> 25049
<211> 303
<212> DNA
<213> Homo sapiens

<400> 25049
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aaggaaacct	ggaaattggc	accataaatg	catttccttg	aatgatttc	tttaagatgc	120
cataccagtt	acaagtccat	acacctagag	gataactaat	gtagcatact	gaggtttgga	180
taaacctggt	acttttagaga	taaagtacaa	attacactca	aataatgtat	tttaaaaact	240
cagtcccaat	tttagttcca	attccaattc	cttcttttta	ccatgagcaa	aactgaggtt	300
ctc						303

<210> 25050
 <211> 125
 <212> DNA
 <213> Homo sapiens

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aatacataga	tacagaatcc cttagtattg taatgtttga acataaacca tttttaagcc 120
tgcat	125

<210> 25051
 <211> 278
 <212> DNA
 <213> Homo sapiens

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gtctctgtgc	gctccggatc agcgcttcct agatttctag ccggtatcgtt tggagaaggg 180
ctctgcatct	tatttccggt ggcggtgagg tgcagttgcc atggtgatta gagaaaggcc 240
gagatctgtc	cagctgcgaa tggcgatcag tccacgcc 278

<210> 25052
 <211> 235
 <212> DNA
 <213> Homo sapiens

<400> 25052	
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gtagcagaac	caactgttagg cttgcaatth acatagtctt agattaacca agactcaaaa 120
acaaacaaaa	aaaacaattc caagcattta gaggtgaaaa ggtctttagg attatcctgt 180
ccagttgcat	cacgtttacca atgagagtag agaagcctaa agaggaggat ggcgg 235

<210> 25053
 <211> 144
 <212> DNA
 <213> Homo sapiens

<400> 25053	
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gaaagcaata	tgacattcag gctccattat gtgtatttgt gcacatcact tcccacgata 120
agggagaaga	aaagaaacca ccgc 144

<210> 25054
 <211> 223
 <212> DNA
 <213> Homo sapiens

<400> 25054
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tgttcatacc tggcaatatt cacttactct gctattttta aaaactatct taaagtttta 120
agcacaatgt tgactcttct gtaatttcct aaaattatat tgttttccta cagacagctc 180
aactttcctt gatatgtaac actctaggaa aataactgcc ttc 223

<210> 25055
<211> 118
<212> DNA
<213> Homo sapiens

<400> 25055
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ttaaggctcg aaaaacgatg agagttagtg atcgtcagca acttgaagca gtgtacaa 118

<210> 25056
<211> 153
<212> DNA
<213> Homo sapiens

<400> 25056
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cactgtatga atataccatc atttattcag tgattccctt accttagcaa tgtaagcct 120
gttggtgtaa tatgcaacaa ttaaggtcca gtt 153

<210> 25057
<211> 93
<212> DNA
<213> Homo sapiens

<400> 25057
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tttcacagtt agagctataa ttcttctgat ttt 93

<210> 25058
<211> 220
<212> DNA
<213> Homo sapiens

<400> 25058
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tgaagtatcc aggttgggcg cttccagcgc tttctgtggc gggggaatga aggcctaggt 120
cagggaatag gaaggtgtat cgccgccaga gtgcggaaca ccctcgctt gagggttccc 180
acagtgactt gcaaaagtct agtgagaccg gagaatgctg 220

<210> 25059
<211> 194
<212> DNA
<213> Homo sapiens

<400> 25059
acagganhaa atgagacagg acatgcagaa gctcttagct tgctgctcac acccagcaaa 60
tagtcaacat atntttttcc ttctttcacc tgcccattac ccccaagaaa cactctttaa 120
ttcacctag gcctcttgac tgaaagttga acccagggtt ttccctaaag gaaagagaga 180

gaaggaagga agga

194

<210> 25060

<211> 246

<212> DNA

<213> Homo sapiens

<400> 25060

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agagacagca	agtgccttgg	caaaggaaaag	ggctggcaca	gagaacagag	tcgatttctc	180
attgtcttca	ccaatcttct	gaaccctgta	atactttttg	catgatgatt	tgaagcagcc	240
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<210> 25061

<211> 312

<212> DNA

<213> Homo sapiens

<400> 25061

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taatgggtgt	gacatttttg	atgtgtaatt	acatggctca	acgtttggaa	gatctgcaaa	180
agtcggtgaa	ccacagtttt	ccaaatgata	cgaaatcatg	tacgggtaaa	agatttgttc	240
aaagtacaag	ataaaccaag	taagagtatg	aaaagttcat	tgataagggt	tcagactttt	300
acactgccaa	aa					312

<210> 25062

<211> 155

<212> DNA

<213> Homo sapiens

<400> 25062

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tgggatctgg	gaatgaggca	gtgggtggag	agagaatggg	gagacgacag	aggatgaagg	120
gcagctgagt	gtgtctgcga	gasaaggacc	aaagc			155

<210> 25063

<211> 392

<212> DNA

<213> Homo sapiens

<400> 25063

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tatatgccct	tcagactatt	gtatccgttt	ggttgctttc	cttttataaa	ggaaagtctt	120
caatacaata	caataattat	tgaaaaatga	gtagttttat	cgtttgtctc	accataatth	180
aacaaatact	tggttataga	gttgaactgg	tttatctact	gtttacactt	ttgaacggca	240
ttcaattaag	gttagtttta	gtaaagatct	tagaatctca	gatgggactt	ttcagctkya	300
ggaaattgga	atgtgtccct	ggactatgcc	catgccagag	tgccaagcta	aaagaatgta	360
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<210> 25064

<211> 201

<212> DNA

DISCOUNT

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agattaaagg	agaaaaacaa	agaagccgtc	atgtaaaaat	agtatttggt	gggcttattt	180
ttctaaaaag	cagtgcacat	a				201

<213> Homo sapiens

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gtggcg                                           126

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<213> Homo sapiens

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aatgtacgta gtctacattt taaatctctg atataagatt gc 102
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<213> Homo sapiens

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atctctgcta	actgcaacct	tcacctcctg	ggttccagca	atttctcaacc	tcccgagttag	120
ctgggattac	aggcgadtgc	caccacaccc	ggctaatttt	tgcatttttta	atacagacgg	180
gtttcgccat	attgcccag	ctggtcttga	askcctgacc	acctggctca	gcctcccaaa	240
gcactgggat	tacaggcata	agccacagt	cccgcaga			278

<213> Homo sapiens

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agtaaataac cagtatcatt ggaatacttt taaacatgta actatgaaag gaaaaaatta      60
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gaaaagatta attttttagc agcttttg                                     147

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<213> Homo sapiens

<400> 25069
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 gcatcatata cttttacaaa tcttaaagcc tttgtatttt aattagcacg tttacttcac 120
 tcctg 125

<210> 25070
 <211> 312
 <212> DNA
 <213> Homo sapiens

<400> 25070
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 tatacacaca cagwgatatr tacatatggm tgtacttttg catagatcaa acagccaaac 180
 acctggaagt attagataca agtttaaaat atcttttata ggttttatat aaaaatgtct 240
 gagtatgatt ttgtgtgaaa gttctgatac cagttgtaat agagtcaaat ttatgtgagc 300
 aataaagaag aa 312

<210> 25071
 <211> 163
 <212> DNA
 <213> Homo sapiens

<400> 25071
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 cccctcatc tgtccccgcc gttccccctt ggaagctgcc ccaggcacac ttccccgctt 120
 ctttccagtc tcctctctc tggttctccc gacaccgga cca 163

<210> 25072
 <211> 283
 <212> DNA
 <213> Homo sapiens

<400> 25072
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 gggagagcat cagcataaat agctaatagca tgcagggctt aatacctagg tgatcagttg 120
 atagcaatat gctttgataa gatttgccat agtgaggtag gtctttcttc ttcaaagtaa 180
 gaaaagtgtg gttagataag agaataaggca cattatcaga tcaattttag atgtgtctga 240
 aagctganga atctggaaat agattcccctt aaatatgtgc atg 283

<210> 25073
 <211> 149
 <212> DNA
 <213> Homo sapiens

<400> 25073
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 gattatttta cttatgatca ttccaattt agttggggta ataacctgat cagttatata 120
 cattgcactc attcattctt cagcaaacc 149

<210> 25074
 <211> 56
 <212> DNA
 <213> Homo sapiens

<400> 25074
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<210> 25075
<211> 117
<212> DNA
<213> Homo sapiens

<400> 25075
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tgggtttttat cctgggggaa ggatcgggtg aatgtgaggg gaggtggaag agatggc 117

<210> 25076
<211> 181
<212> DNA
<213> Homo sapiens

<400> 25076
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cagtggttct caaagtctgt tttttagacc agcagcatca gcatcacctg ggaaactgat 120
aaagacacaa atcctagggc ccaccacag ccctcctgca tcagaaactc tagaggtgtc 180
c 181

<210> 25077
<211> 320
<212> DNA
<213> Homo sapiens

<400> 25077
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ggcactgacc atgctgagcc acagcnggtg aagatggcgg tggcacactg acgtcacttc 180
cgctccgagc ctccggccgg gtggggctcc agggcttgag tttcaggyac gtaggacaaa 240
gaaatttctag tttcctcctg ggtgggtgcc ggacghtgcc tgggggttggc tcaggggagcg 300
ggatgcagaa acgggcagcs 320

<210> 25078
<211> 214
<212> DNA
<213> Homo sapiens

<400> 25078
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atcccaacca ttccacatac tattctacgt aaatatcttg cagagagatt ccagcactag 120
tgctatagaa tacatttaca ggaatgttta ttgcaacatt gtttaaaaaca agagaaaaaa 180
acagaaacaa agtaaatgtt caccaacagg agaa 214

<210> 25079
<211> 142
<212> DNA
<213> Homo sapiens

<400> 25079

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acattttgtg	ataaatccta	taagatataa	gtcattgaga	tgtctaagat	gctttttatt	120
ttaaccccag	ttaataacca	cc				142

<210> 25080
 <211> 143
 <212> DNA
 <213> Homo sapiens

<400> 25080						
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gctcaagtgc	cactgattct	ggaaggctcc	taatgctgag	gggtgggggga	tggggtggga	120
atgaagccaa	gccgctggac	cct				143

<210> 25081
 <211> 418
 <212> DNA
 <213> Homo sapiens

<400> 25081						
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ccgggcttcg	gaagaaagca	aaactagcct	tgtggcgaa	aaggagccca	gctggcccca	120
ggctgttaag	actaaggggt	cgagggaaaa	gaggcagagc	ctgaaaccaa	atctgcggas	180
aagccaaggc	ctgggggactt	gccagaggga	agggttaagc	cgtttccaag	gcaacggacc	240
aggaagcgcg	caagacgtcc	gccgcagtgt	tttgtggatt	aactcttcat	tgattatata	300
caacaaaaaa	tagttatggc	gactttcaga	aacaatcaca	tgaagactaa	agcatctgtc	360
agaaaaagct	tcagtgaaga	tgtgttccag	tctgtaaagt	ctttattgca	gagtcaga	418

<210> 25082
 <211> 221
 <212> DNA
 <213> Homo sapiens

<400> 25082						
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acagtaatac	ctgctatagt	tctaaaaaat	aatttgtcct	tattctgctc	tgctgccaca	120
gtgggttcttc	ccatgtgggt	agtgagaagg	aacagtggag	aaacagcaga	gccaggtcag	180
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<210> 25083
 <211> 213
 <212> DNA
 <213> Homo sapiens

<400> 25083						
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gtcagctccc	agccatgtct	tgagtagcct	ctggagcaaa	gaaattgtga	cccacagcca	120
tgttcctggg	ccatcctgga	caagaatcct	tcagcgtcas	caagtgtcag	atgccataac	180
cccatggtaa	cctcctgaga	gaccctgagc	ttc			213

<210> 25084
 <211> 101
 <212> DNA
 <213> Homo sapiens

<400> 25084
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caaaatggac tccttcttcc tatcagctct agaaccacag a 101

<210> 25085
<211> 234
<212> DNA
<213> Homo sapiens

<400> 25085
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tttgtcaata ttatttttta tttaaattatt taaactaaa cacacctaaa ttccatgagg 120
gtagtattat tcagatggga tagcctcagg gaaaatttga agttctatta aattttgtaa 180
aaaaaaagaa aaacatattt tgtgttttagg aacatatatg ttacagccat caca 234

<210> 25086
<211> 208
<212> DNA
<213> Homo sapiens

<400> 25086
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ggagacttca ttggttaagg gaattttgtg ggtagaattg ctaagactag aaatctcatt 120
gttggttcaa agagagaaat aagttaacca cgtgttctca cctgaatata ggatgctttg 180
ctttacaagc ttaaataata cccggata 208

<210> 25087
<211> 354
<212> DNA
<213> Homo sapiens

<400> 25087
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tgtttaaagt aatagcacat cagaaaacct tgtctggaca aaactagttc actcactgct 120
tctgcacctg cagttgctcc ctttaggggtt ataaaaataat gacccaaatg ttacatgtgt 180
tgatattata acttgtcagt tactgatgtc tgtggtatcc taccctcatc tctgaaaggg 240
ataaacttga ataattatta gaaaactata aaacttcaca ctttgtacca ttaaaaccta 300
aaattttaat cttgtccttt ttactatagg atcagtcggc actcgggaac cttg 354

<210> 25088
<211> 352
<212> DNA
<213> Homo sapiens

<400> 25088
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tctctgaaat aaatgaaaga catttaattc aaggatcaaa aattgtggcc atctttgcaa 120
atgactacct atagcctgtg aaaatacatt tcraaaaaatg ttatgtgcaa tgaacactaa 180
atttaagagc agttacagtg tgactcactc atgtttaaaa aaaatcgaag agctaaaaaa 240
tacgtctaata ttatgtaacc cattggaatg tatttctagg ttctcttcag gattaattaa 300
ataaacatgc aatttatgaa aacatatata caattattta tcacttttat ga 352

<210> 25089

<211> 185
<212> DNA
<213> Homo sapiens

<400> 25089
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tttcgtttgt tcttcagat ttaggcataa acttatttaa tcaataatgt gttacagct 180
gacag 185

<210> 25090
<211> 256
<212> DNA
<213> Homo sapiens

<400> 25090
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aattagatcc catttgtcaa ctgtggcctt tggtgccatt gctttggtgt tttagacatg 120
aagtccttgc ccatgcctat gtcctgaatg gtattgccta ggttttcttc tagggttttt 180
atggtttttag gtctaactat taagtcttta gtccatctta aattaatttt ttataagggtg 240
taaggaaggg atccat 256

<210> 25091
<211> 216
<212> DNA
<213> Homo sapiens

<400> 25091
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gcacccagat ccttccttgg cagctcggtt tccctcagck ccaactcttc tcttcgctc 180
ctgctcctcg tcggattttt aattttctgcg caccac 216

<210> 25092
<211> 300
<212> DNA
<213> Homo sapiens

<400> 25092
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agcaaattga agagggatgc tgccaaaaca aatacagaaa aaaacaggga agtggcttgg 180
aaacaggcag tgggcgaagg ctaggattcc gaagagtgtg ttggagcaag actaaattgc 240
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<210> 25093
<211> 292
<212> DNA
<213> Homo sapiens

<400> 25093
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atcttgctgc tgctcacttt ttgggtccac attgctttca tgagctgtac cactcaccgt 120
gaagatctgc agcttcastt cagagcctag cgagaccag agctcactga aaacaaacaa 180

ctccagacgc gctgtcttaa gagctataac actcaccgcg aaggtgtgca gtttcactcc 240
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<210> 25094
<211> 116
<212> DNA
<213> Homo sapiens

<400> 25094
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aatgagtatt tgctttaaat ttctaagaat ttatatcata actagagacc caaatc 116

<210> 25095
<211> 131
<212> DNA
<213> Homo sapiens

<400> 25095
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agacttcact ttgtttttaa gaaaagtaca attttttctt tttggtaaaa caaaagtaat 120
cagggaaagg a 131

<210> 25096
<211> 96
<212> DNA
<213> Homo sapiens

<400> 25096
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tttttcccc ctttccccct tctttttttt tttttt 96

<210> 25097
<211> 316
<212> DNA
<213> Homo sapiens

<400> 25097
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atcagcacgt atataagaaa ctctgtctgt gtgctggagc taaaccaaag ttgatatgtg 120
aaggaaatcc ttatgtatta ggaatccgtg atacagacag tgctcaggaa tticagaaac 180
agcttactaa agctaaaaga ataatgatca tagggaacgg tggatttgca cttgagttag 240
tgtatgaaat tgaaggctgt gaagtgattt gggccattaa agataaagct atagggaata 300
ctttcttcga tgcaag 316

<210> 25098
<211> 107
<212> DNA
<213> Homo sapiens

<400> 25098
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tgagcaaata aacttacaga tcttaaaaaa aaaaaaaaaa aaaaaaa 107

<210> 25099

<211> 152
<212> DNA
<213> Homo sapiens

<400> 25099
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tcatccagcc cctatgtcat tggttctcaa agtgtggctn ccagaccagc agcagcagca 120
tcacctggga acnhgctgga aatgcctgaa ca 152

<210> 25100
<211> 371
<212> DNA
<213> Homo sapiens

<400> 25100
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gctcttcgag aagggagagt caggatggac tttcctcatt tggacagccg ctctggttta 120
aagatctgta caaacctctc agtgccacaa gaataaataa tcatgcatgg aagctgcaca 180
agaagtcata taatgaggac aagatcctca acagggaccc tggggacagc gaascccaac 240
ggaggaggag gagagtgaag ccctgccata ggaggagaac acagcccacc tcaggcctcc 300
tgcaaaaata catagaataa acaacaacag ttactaaatg aatgaaaatt gtgattccga 360
tgaagccagn v 371

<210> 25101
<211> 119
<212> DNA
<213> Homo sapiens

<400> 25101
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atcttttctc ccctttatct tgttctcttg acacttttgt gaaaattacc tagcctgat 119

<210> 25102
<211> 108
<212> DNA
<213> Homo sapiens

<400> 25102
cagccantca gaggaaactg ttttctcttt atttgctmat atgttaatat ggttttttaa 60
ttggtaactt ttatatagta tggtaacagt atgttaatac acacaaca 108

<210> 25103
<211> 260
<212> DNA
<213> Homo sapiens

<400> 25103
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ctatctagag acggagctta tatccaaact ctgtgcagcc tgactccaaa aatggctctt 120
tttccacttt ctgtatcct gattacaagt atctcttcaa gcatcagggtc ttctttttca 180
tcatttcagt gttattctca gccccaaaag gcaccccttag gttactaaaa acttaaagag 240
aattttattc cccacccac 260

<210> 25104

<211> 106
<212> DNA
<213> Homo sapiens

<400> 25104
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ttctctcttt agctgcctaa cccttatgta tccttctggg cccata 106

<210> 25105
<211> 156
<212> DNA
<213> Homo sapiens

<400> 25105
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tgattcctta aactagatgt ttttctgttc tttaatgaaa acagcctgaa cgtggttatt 120
aatctgagtc tttctccatt ctgaccaccc cactct 156

<210> 25106
<211> 107
<212> DNA
<213> Homo sapiens

<400> 25106
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ggtggggata ggagaaggct gatgaatgtg gagaaaagaa gatggag 107

<210> 25107
<211> 209
<212> DNA
<213> Homo sapiens

<400> 25107
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tgagccgaga tcatgccact gcactctagc cccggcgaca atgtgagact ccatctcaaa 180
aaaaaaaaa aaaaagaaaa catccccgt 209

<210> 25108
<211> 183'
<212> DNA
<213> Homo sapiens

<400> 25108
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gcatatTTTT ctccccaaaa tgtatTTTgt ccaaactgaa ttggacacag agaacattcc 120
ttaagTTTgg aataaataaa ctttctgaaa actgctcagg taacaaagta gtaaagagcc 180
cga 183

<210> 25109
<211> 299
<212> DNA
<213> Homo sapiens

<400> 25109
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agagtgaata cactggaatt cagacaccga ctctgagctg ctaggaacct catttgtcca 180
tgtgcaaacg ctgtattcca aggcctgtga atggcagcct gaggaagttt tgcattgcagg 240
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<210> 25110
<211> 202
<212> DNA
<213> Homo sapiens

<400> 25110
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cccaggacag gaatgcggtt caaacccagt ggcttgaaac ttcctgagaa actgtagcat 120
atccagcccc ctaaaatgta caatgtaact tgttcagtcc aacaaaaaca ggttccttat 180
gtttctgcct tctccagcca aa 202

<210> 25111
<211> 232
<212> DNA
<213> Homo sapiens

<400> 25111
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actgagtata aagtgttgct gcactgggat tatggtaaat aggcaaggga gaataagaaa 120
gtcttcagga aaactactct gaactacctt taccctaaaa ttattgctgc ctacagctat 180
agaaactcaa aaggaagaca ctaataaatc ccagcagatc gaggggccac tg 232

<210> 25112
<211> 136
<212> DNA
<213> Homo sapiens

<400> 25112
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gtatgtcaga aagcaatgta atagatagac caagcacagt ggctcacacc tataatgcca 120
gcactttggg aggcca 136

<210> 25113
<211> 73
<212> DNA
<213> Homo sapiens

<400> 25113
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gcaaaaaaaaaaaa aaa 73

<210> 25114
<211> 312
<212> DNA
<213> Homo sapiens

<400> 25114

cgttattctt taatactcac agagccnvct tatattgctk kctctctcta tgatcaacat 60
aataatggaa actgagaatc ataacaagtg taagaractc acccaggagg taagarataa 120
tataaatatg attaggattt tttctgattc tgtagtctat gttaaaccat attgatctgt 180
gctgagctca aaaagtaaaag gcactttgaa ggcatagaatt ggaacactgc aaagatgaga 240
aagccatctt cacttcctgc ctttgataatt agttttaata catgagtaag tgtgaataaa 300
tcataataaa ta 312

<210> 25115
<211> 164
<212> DNA
<213> Homo sapiens

<400> 25115
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tttatttttt tgagacagat tctgttctgt cacgcaggct ggagtgcagt ggcatactct 120
gagctcactg catcctcctt cctgggttca ggccattccc ccac 164

<210> 25116
<211> 97
<212> DNA
<213> Homo sapiens

<400> 25116
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tttcgagatc ttctccgccc ccgctaccgg cgccctg 97

<210> 25117
<211> 269
<212> DNA
<213> Homo sapiens

<400> 25117
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taggcatatt ttgaagtcac tgttttccat caatattaag tatcatccat ttctatgttc 120
tctagcaaaa gaaaattcct agtgtgatac agctttactc tttgtttgac tttgtacaag 180
gtccacaaaa ggaggaggct caaaagattg gacactttac cctgacattc agcacattca 240
ttttatcttt cgataaagat aaccagaac 269

<210> 25118
<211> 115
<212> DNA
<213> Homo sapiens

<400> 25118
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aataatatat tcttattctc attgtttgaa acctgtcttt gaaattagca ccggg 115

<210> 25119
<211> 274
<212> DNA
<213> Homo sapiens

<400> 25119
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ataaatggta tacttttatg gtaagccaac ttctgtaatg aattgctccc atatttcagt	120
gatttaacac cacagattta tttttaactt attctacatg gcacgggtgt ttctgggttg	180
acagctctcc tccactgtcc actccagctc ccaggcttct tttattttca gatggtgata	240
gcctcatccc agcatcataa agtttccggt catc	274

<210> 25120
 <211> 143
 <212> DNA
 <213> Homo sapiens

<400> 25120	
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cagaaaaaaaa cactcagtta cctaagccta aagtgcaggg ttgataaaga atggtagaag	120
atgaggttgt ataacagga tga	143

<210> 25121
 <211> 433
 <212> DNA
 <213> Homo sapiens

<400> 25121	
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tggattctag ctgtgtgtgt gttatatcct gttactgttg agvcacagag gcgggagtcg	120
gcgggggaag atatgtgctg agattagtca gcctgccctc cctctcccc aagaaactca	180
ggccccatct ggggagagtg agaacttaag aaacttgaga cagggaagga gagccgggag	240
cagccaaaac ctgctaagtc tcagaagact ggtttctgca caagggaatg gaagaagtga	300
ctggagcaaa tccagtttgc tgatgacatg caggagttca ccaaattccc caccaaaact	360
ggccgaagat cttbvtctcg ctcgatctca cagtcnncac tgacagctac agttcagctg	420
catcctacac aga	433

<210> 25122
 <211> 160
 <212> DNA
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<400> 25122	
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atcactctca aatataaatt aaaatataac actcctgaat gcctgaggca cgatctggat	120
tttaaatgtg tggatttcat tgaaaagaag ctctccacgt	160

<210> 25123
 <211> 172
 <212> DNA
 <213> Homo sapiens

<400> 25123	
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ggtctctctc tctgttttgg taccagtacc atgtgtttt gggtactgta gcctttagt	120
atagttggaa gtcaggtagt gtgatgcctc cagctttgtt cttttggctt ga	172

<210> 25124
 <211> 267
 <212> DNA
 <213> Homo sapiens

<400> 25124
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 caagcctggt ttttaactgt aatggacatt actatatccc taactattca aggagagtct 120
 tagctcatgg acatgtacaa cggagtcact tacattaagc ctttaagccac atctgtaaat 180
 tctcactggt aacagaatcc ctgtgggtcct ggggctgtgt gttgcacctt gttctagcta 240
 tttctcaaag atttaattca gcacgag 267

<210> 25125
 <211> 313
 <212> DNA
 <213> Homo sapiens

<400> 25125
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 atacctgcag atgtggaagt gactttggat ctgggtaatg agcagagaga ggttkgaaga 120
 gtttgagagag ctcagaagaa aacaggaaga tgagggaaag tttggaacat attagacact 180
 agttaaatga ttgtgaccaa agtgctaata gaaatataaa tagtgaaggc taggcttaca 240
 aggtctcaga tggaaatkcg gaagttattg ggaattagag taaagggtcac ctgtgctatg 300
 ctctagcaaa gaa 313

<210> 25126
 <211> 180
 <212> DNA
 <213> Homo sapiens

<400> 25126
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 gacactatgg agaattctata acaaatatag gcaaagcaag catattaggg gctgctagca 120
 ttggaaaggg acttgaggga atgttgttct caagatttgg acgttcatct acaacacagt 180

<210> 25127
 <211> 187
 <212> DNA
 <213> Homo sapiens

<400> 25127
 aaaatgtagt agtgatacct atatttccac attgtgcatt gtgacacact tgtctagggg 60
 tgcttggaag tgtataaaat tggactgcat ttcttagagt gttttactat agatcagtct 120
 catgggccat ctcttctca gatgtaaatg atatctggtt aagtgttata tggaaataaag 180
 tggacgg 187

<210> 25128
 <211> 139
 <212> DNA
 <213> Homo sapiens

<400> 25128
 aatgataaaa acacaactgg actaattctg aaagtaaact tggatttgaa tagagtttct 60
 ataaactgag tactaaacat tttgaaagat taacaataat gagaaaacta accatgaatt 120
 tttcttggtta tcagggtat 139

<210> 25129
 <211> 196

<212> DNA
<213> Homo sapiens

<400> 25129
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agtcccttta ctcttttagag attggtggas sysgtgatgg atccargtcc ccaggwtatk 120
ataatgtatt ttaaagccta gagaaatggt actaatgatt aaaacattta ttgagcattt 180
tctgtttgcc cggccg 196

<210> 25130
<211> 142
<212> DNA
<213> Homo sapiens

<400> 25130
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gagggatgatc ttaagcaacc ctgtaaaaaa tggtaaagat ttttactcag tgtgtgctga 120
aacactaaat taaactagca gc 142

<210> 25131
<211> 238
<212> DNA
<213> Homo sapiens

<400> 25131
tttcagagaa gagccttcta acttggtttac acaaaaacga gtatgattta acattcatac 60
tagttgaaat ttttaataga atcaaggcac aaaagtctta aaaccatgtg gaaaaattag 120
gtaattatct cagattgatg tctctcaatc ccatgtattg cgcttatgtt acaagttgtt 180
gtcacagttg agasktaatt tctcctaatt tcttctgccc gaaggntaag tgggtgcgt 238

<210> 25132
<211> 114
<212> DNA
<213> Homo sapiens

<400> 25132
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attttatggt tttcatatca gtcgtttcct ctattagctt tttttttcct tttt 114

<210> 25133
<211> 397
<212> DNA
<213> Homo sapiens

<400> 25133
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aatctttttg tatgtgtctc ctgtgtggaac tctgcaagta cttagtcaag gagtccagta 120
agtgaagggt ctgggttaaa atttttatag atgtggccac attaccatcc agagtgggtt 180
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cttaactatt ttcagtactt gaaaatgtga tattattaaa atbnnngattt gtgccaatct 300
ggctgaattt cccaattgc tatttagtac taggttgagc agcttctcat atgattattc 360
actgaccttt tacattttat cctctgggaa tnrmgcg 397

<210> 25134

<211> 411
 <212> DNA
 <213> Homo sapiens

<400> 25134
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 gacagtatca acagttaaaa ggtaaccag agtatgggag aagatatttg caaaccttat 120
 atctgataat ggatcaatat caaaatatat aattaagaac tcaacaatag aaaagcaaca 180
 tgattttaaa atgggcaaag gacttaagta gacatttttc caaagaagat acgccaataa 240
 gcacatgana agatgcttag catcactaat catgacggan atgcaaata raactacagt 300
 gagataccac ttcacacaaa ttaggatgac tgctatttaa akagaccca ganaatvagt 360
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<210> 25135
 <211> 436
 <212> DNA
 <213> Homo sapiens

<400> 25135
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 tgcttttttc tggagagaat attcatagct tttgttatta ttcaaataga ttcttgacac 180
 ctgaagactt agaacctata tagtaaaca catttggaag tcttacatgg gaaagcttag 240
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 acagttgaac ccttttgact tgatttcatt atctacgara gtatttgtaa ggggatatta 360
 tacagaaacg crctctgct ttcaagaagt gttatgcaaa traatgctac crtacaatag 420
 ttcctttgta ttttta 436

<210> 25136
 <211> 186
 <212> DNA
 <213> Homo sapiens

<400> 25136
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 caggctggag tacagtagca tgatctcggc tctctgcaac ctccacctcc caggttcaag 120
 caattcttat gctcagcct cctgagtagc tgggactaca ggcgtgtgcc accatacccg 180
 gctcgc 186

<210> 25137
 <211> 316
 <212> DNA
 <213> Homo sapiens

<400> 25137
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 tagatttaag tactgcttc atcactcact agccttgtag ccttggacaa gttatctccc 180
 atttctgtgc ttcaatttgc ttatctgtaa aacaggttag gaataattac agtacataaa 240
 attgagtttt tgtgagggtt garagarata attatgtaaa acgcttaaca caatccttag 300
 catatagggg cgtcag 316

<210> 25138
 <211> 283

<212> DNA

<213> Homo sapiens

<400> 25138

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cctcatgac	tgctgcctt	ggcctcccaa	agtgtctggga	ttacaagcat	gagccaccac	120
gcctggctga	cgcacaaagg	ttcttagttt	tgatgaagtc	cattttttcc	ttttgttgct	180
tgtgtctcca	cttatttttt	taaattatga	gcataatatta	ataaaaaattt	aagataaaca	240
gttgaggcac	tgagaagctg	actggcagtt	ttgtgtgggt	aat		283

<210> 25139

<211> 324

<212> DNA

<213> Homo sapiens

<400> 25139

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gcagtttggt	tcaactgattt	tcttttactc	ttttgttttt	ctgttttcaa	attcattgat	120
gtttgtkctt	tatkatTTTT	ttctgtctgc	ttgattctca	gtttatactg	ctcttctttc	180
cctaggctct	tgacatagaa	tttttagatca	tttatttgaa	tttkttattt	tttaattgat	240
atatgtagt	ttataaattt	ccctctcagc	actgcttcag	ctgtgtccca	caaattktga	300
katgttgtat	tttcatttkc	atcc				324

<210> 25140

<211> 174

<212> DNA

<213> Homo sapiens

<400> 25140

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tctcatata	ctgttggtag	gaacataaat	tagtcccca	ctatggagaa	cagcttagat	120
gttccttaga	aaactaaaa	gagagctacc	ataaaatcta	ttaatccac	aagg	174

<210> 25141

<211> 190

<212> DNA

<213> Homo sapiens

<400> 25141

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taaggagag	tctgcaactg	tgTTTTgacc	ctgagcatgt	ggcttgatag	ccattaagat	120
taggagtgtt	gagagcagct	attgtctctga	tgactcagca	ggaacccctg	tgttagattr	180
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<210> 25142

<211> 311

<212> DNA

<213> Homo sapiens

<400> 25142

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aaagatattt	ctgtatattc	acataaaagt	tttatcagtc	cacctgtttt	tattttctct	120
atatgtgat	ttatttctaa	atttttcaac	tgagataaaa	ttcacataac	ataaaattca	180
acattttaac	cattttaaaag	tctacaattc	agtggTTTTt	agtatattca	cagtgtttta	240

catgttgatt ttgacttggga cttttatatt tgaaaggaag gaagaatatt aagccacaat 300
ccagagaccc t 311

<210> 25143
<211> 468
<212> DNA
<213> Homo sapiens

<400> 25143
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aaaactctaa aagtgaagatt caggagccct tgggtctcatc ctgcctttac ctctgagtaa 120
ccatattacc taggctcatg ccccatacct gggcctcaat ttctgtatcc ttaaaaatag 180
ggtaaacaga ccagatattc tctgataccc gttcagcttt gaatttctta tcttttctcc 240
aagtagatag tamaatatgn bgttgatgtt gatatgatga cctctttcat cttctgcttc 300
ctatgttatt atcttcatag tagatcttgt atcagtattg aatctcccca atcctcttcc 360
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tactactact gtctaccatt tattgagacc tactgtttca gaacagga 468

<210> 25144
<211> 470
<212> DNA
<213> Homo sapiens

<400> 25144
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ttggcgggca ccatccaatc agccagtggc caggagagaa caaatactta agacaaaatg 180
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aaaaatataa aaattagcca ggcgtgggtg tgacacactg tagtcccagc tacttgggag 360
gctgagacag gagaattgct tgaacccaag aggcagaggt cgcagcagtg tgscaggat 420
cacgccactg tattcagcct ggggtgatagc tgagactctg tctcaaaaaa 470

<210> 25145
<211> 206
<212> DNA
<213> Homo sapiens

<400> 25145
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gcctcatttg ctgggatcat gggcggttct ggggtgtaggt gagaccttta gggagcattt 120
tatactgttg cgggcctggc ctctgcagga ggtcactgtt ggggaagtga ttcagcgagc 180
ccagccggcc ctgagccagg ggccca 206

<210> 25146
<211> 380
<212> DNA
<213> Homo sapiens

<400> 25146
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ttcccagttt gataggagca tacagatgtt ctttcatttt tgtccattcg tttttctcca 180
gccaaagtag attatcttct gccctctagt ttgattggca ggtaacatat gaatgctttt 240

tcttcatgag	gtgagagttt	ttccttgtat	atggagaact	gagataattg	ctcataaccc	300
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gatgatacgt	aagaagcagc					380

<210> 25147
 <211> 166
 <212> DNA
 <213> Homo sapiens

<400> 25147						
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tcctatttag	gagccaagga	gtactttgga	acagtacaaa	tatattgctt	taaattggaa	120
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<210> 25148
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 <212> DNA
 <213> Homo sapiens

<400> 25148						
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gccagaagga	agggaaaagg	ggtatttggg	ttcccaaata	aaagacagtt	gcttggcccc	180
tgctttgtgt	tttaagtaac	aaataatttc	atattctttt	ctttgttgct	cacatctacc	240
ataatacgac	ttaaaaagtc	tgtcttattt	tcgggtgaga	ggtaagggtg	ttggaatagc	300
cttttctctc	agttaaactt	tgtgaatgtt	atctgtgttt	aactccaagt	ttgagactga	360
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agc						423

<210> 25149
 <211> 267
 <212> DNA
 <213> Homo sapiens

<400> 25149						
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ttttggatcc	aaatatggac	cttcgaacag	tgaaacactt	catatggaag	agcgggtggag	180
acctcaccct	ccattaccgt	cagaagtcca	cgtgaaggct	gggctaattgc	tcctggatat	240
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<210> 25150
 <211> 125
 <212> DNA
 <213> Homo sapiens

<400> 25150						
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cctag						125

<210> 25151
 <211> 283
 <212> DNA

<213> Homo sapiens

<400> 25151

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acttgtaact	atatatttct	cagaagaaat	tattgggcac	ttttggctgt	tttgatggta	180
ttgggaaaag	ggaagattat	tctattaagt	tttcatataa	aatctcttta	tttttgtttt	240
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<210> 25152

<211> 441

<212> DNA

<213> Homo sapiens

<400> 25152

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ttctttttat	gactgaataa	tattctaaag	tgtggtaagg	atatgacatc	ttgcttacc	180
attcatcagc	tgacagatgt	ttaggttggt	tccatttttt	ggctactgtg	aataatgctt	240
ctgtgaagat	ttatgtgcct	gttttagtgt	ggaaatgttt	tcatttctgt	caggtagatc	300
tgaggagcag	aactggagat	tatacgctaa	cattatgttt	aaccatttca	ggaactgcca	360
gattgatttt	cacagcaact	ggaccatttt	acattccac	tagcagggtg	aaagagtttt	420
tatttctcar	catccttccc	a				441

<210> 25153

<211> 104

<212> DNA

<213> Homo sapiens

<400> 25153

ttaagtcttt	ttcaccacaa	atttaagcag	tggatgatgg	gtggcaggaa	aggtattgct	60
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<210> 25154

<211> 227

<212> DNA

<213> Homo sapiens

<400> 25154

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ttttttcccc	cttttgagac	aggtgtcac	tctgtcaccc	aggctggagt	gagtggcatg	180
atcatgcctc	gctgcgtact	tgacctcatg	ggctcaagcg	accctct		227

<210> 25155

<211> 430

<212> DNA

<213> Homo sapiens

<400> 25155

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gttgacctca	tcatccttc	acatgttcca	cttttttagt	ctctcatttt	aacttaatga	120
aggaaagtca	tagggagaaa	aaagagagag	aaaagaagat	aaggctgtga	agagagaggg	180
ttgttttaag	acctcacgtt	gaacaatcag	ctaaatctgc	attgaaagca	agagaaatag	240

ctcaaacaca ggtttatagt attttctttc tgagagtaaa cattgtgcag tadaaggtcc 300
 ttcacatgct atgggtcata cactggcatt tcatgaagca gtagggagca gagttaaccc 360
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 ttcccgaactt 430

<210> 25156
 <211> 169
 <212> DNA
 <213> Homo sapiens

<400> 25156
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 agctacttaa atggctggtg tgcttctct gtcacataat aaaaacaaat aactgttgag 120
 ccactgcacc tggcctaaag acttttttca aagcataagc acagtaccc 169

<210> 25157
 <211> 165
 <212> DNA
 <213> Homo sapiens

<400> 25157
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 aggagctcca accctgttct ttcctctcca attgctgcta ggctgctggt tttcaccttg 120
 attgtgagga gaggtggtgt gaatagagca agttaaattg ccact 165

<210> 25158
 <211> 426
 <212> DNA
 <213> Homo sapiens

<400> 25158
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 cagagcccgg ccacctgtt ccaccactgt ccactccgta gctcccagcc tgccgcccgg 180
 cggtgcccga acacgagagg gcacctctc ccagatccgg ggcgcagaag ccccgccggg 240
 gcaggtagaa gattctgagg ccctgggcgg gaactagtaa gccacaatct ggaagagtct 300
 tttaccacca tgtggaggag aactagagca ctcatgttga agctattacs ggagaaaagt 360
 aatcaacttc ttttgtgta agtcaactgar aggcaagtgt tgatttggtg cagtaattgg 420
 tgctcc 426

<210> 25159
 <211> 106
 <212> DNA
 <213> Homo sapiens

<400> 25159
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 caaatgaaag tattaacttc ataaaacaaa tatattgaga gcgtgt 106

<210> 25160
 <211> 329
 <212> DNA
 <213> Homo sapiens

<400> 25160

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gagtcctggg	attacagtcg	tgagccatcg	cgcttgccg	tgatagaaac	tttcagctga	120
ggagtctata	tgccatacta	ctctatgtgg	catctttagg	tctctgtgaa	atcatgttga	180
tgtaatgat	taacaaaaat	aatttagaaa	atacgtcagg	cacagttgat	ggcttctcaa	240
tatctgcttt	gcatttttaa	acaaatcaag	aatgtaattt	taacttttgc	ttatgggtcat	300
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<210> 25161

<211> 417

<212> DNA

<213> Homo sapiens

<400> 25161

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gcattcttgt	cttattgcag	ttctcagggg	gaatgcttta	aacttttccc	tgttcagtg	180
aatgttggct	gtgggtttgt	catagatggc	ttttattaca	ttgaagtatg	tctcttgtat	240
accgattttg	ttgagggctt	taatcataaa	gggatgtggg	atgttgtgaa	atgcttctgc	300
atctcctatg	atttttgttt	ttaattctgt	ttctgtgata	tatcacattt	gttgacttgc	360
atatgttaag	csatccctgc	attcctagta	tgaaacccac	ttgatcacat	catggca	417

<210> 25162

<211> 209

<212> DNA

<213> Homo sapiens

<400> 25162

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aaactctgca	agctgaactc	gcttgtagac	aaacagaagt	taaagcattg	agtacccagg	120
tagaagaatt	aaaagatgag	ttagtaactc	agagacgtaa	acatgcctct	agtatcaagg	180
atctcaccaa	acaacttcag	caagcacga				209

<210> 25163

<211> 198

<212> DNA

<213> Homo sapiens

<400> 25163

attagccggg	catggtggtk	ggcgctgta	atcccagcta	ctctggaggc	tgaggcagga	60
gaatcacttg	aaccggggag	gcggagggtg	cagtgagccg	agattgcacc	actgcactcc	120
accctgggca	acaagagcaa	aactccatca	caataaatta	rataaataaa	taaataaata	180
aacctcataa	ccagctta					198

<210> 25164

<211> 161

<212> DNA

<213> Homo sapiens

<400> 25164

tgaccttcgg	cagtggctgg	gggactgctt	tcagtgcctg	ctgttcgtga	ctcagaaaca	60
gaagaaaaac	actgagaaaa	agcattaaaa	ataagccaaa	ataagactat	tggtaaacac	120
ctaaattttt	gtaagaraat	ttaaaaaatta	aagcagcaaa	g		161

<210> 25165
 <211> 169
 <212> DNA
 <213> Homo sapiens

<400> 25165
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 agctacttaa atggctgggtg tgcttcctct gtcacataat araaacaaat aactgttgag 120
 ccactgcacc tggcctaaag acttttttca aagcataagc acagtaccc 169

<210> 25166
 <211> 137
 <212> DNA
 <213> Homo sapiens

<400> 25166
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 atataacatc tattcttaat atgttttatg taagtacagc agcagcatta ttaaatactg 120
 tatttctatg gtgaaat 137

<210> 25167
 <211> 238
 <212> DNA
 <213> Homo sapiens

<400> 25167
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 ccactgttcc tggccttggc tatgtttttg agagacaggg tctcattctg ttgctcaggt 120
 tgggatgcag tggtgagatc atagctcact gcactcttga cctcttgggc taaagtgggt 180
 ctcccacctc agccccctga gtaactggga ctacagggat gtgccagcat gccagcc 238

<210> 25168
 <211> 236
 <212> DNA
 <213> Homo sapiens

<400> 25168
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 ttctcacagt acctcttgga atgctcattt ttaaccccaa tagttaaatt tgccttggtg 120
 agctacaaaa acaggcacca aagcagcaat gttttttagt tttctgttga ccataaatct 180
 cgtttcttta caagtagtaa ttctaaacag agtatacctt aaccagccag atgcac 236

<210> 25169
 <211> 399
 <212> DNA
 <213> Homo sapiens

<400> 25169
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 taactcgggtg gggaggctcag ctagggaagg tgtgtttaat tgatctgtgt agtggctaatt 180
 tcgtaggacc cgcttgggct cagctgctga cctggaaata agaaagtggg aggggaattat 240
 gacagggctt ggtggttgac cagacaaaga caaaggaatg gtgtaaacac tgaagagtgg 300
 tctgatggtt ctgtttgctg aagaaaaaaa aagtgggttaa aggactagtg aaatcaaaga 360

aggtgatttc aacctttcct tttactgagt ttgaattgt 399

<210> 25170
<211> 234
<212> DNA
<213> Homo sapiens

<400> 25170
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gatgtaaaag gtgaacgtta acacaggagg gagctggtga gtgatttgtg ttaactttca 120
tgcttgagat tgaaataaca acatttcctt ctttcttcct tggggagctg taagcagtgt 180
tgcctagaaa aaggctgctt tgggaggaaa atggaaggat taggggagga ggcg 234

<210> 25171
<211> 77
<212> DNA
<213> Homo sapiens

<400> 25171
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cttaatttta asccac 77

<210> 25172
<211> 132
<212> DNA
<213> Homo sapiens

<400> 25172
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acgtagggtt tgcacagtgt ttatctgctg gtgtctcagg gatttgacag tttccttaat 120
attcccacac at 132

<210> 25173
<211> 129
<212> DNA
<213> Homo sapiens

<400> 25173
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tttttcttac cagtattctg cctaacgttt gcttctgtga tggttatatt gcctagcaag 120
cacaccgt 129

<210> 25174
<211> 235
<212> DNA
<213> Homo sapiens

<400> 25174
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tttatctgtt ttgtatatc ccatatccca gtgcttggca cataaaagac actcaatatt 120
tgttggacaa atgaatacat aaatgaataa atctcatatg gctagacatt ttggctttcc 180
agataacatc atgggagttg gtcctgtggt agatcctgtg tcaacagcaa ggaca 235

<210> 25175

<211> 183
<212> DNA
<213> Homo sapiens

<400> 25175
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tatataggaa tatctgaggc tgggtaattt ataaagaaaa tgttctgcag gctgtacaag 120
aagcatgacg ccagcttctg tttctggtga gggcctcata gagcctcatg acagaaggcc 180
aaa 183

<210> 25176
<211> 100
<212> DNA
<213> Homo sapiens

<400> 25176
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aagtaagtta taatatTTTT caagttttaa atggaccagt 100

<210> 25177
<211> 178
<212> DNA
<213> Homo sapiens

<400> 25177
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taaaacacag gacttctaaa tacttagtaa ggaagacctt ttgaaagcc ttatcctgaa 120
aacatctctt cttgctaaaa gctaggggaat cttagaatct tattaataaac gacacat 178

<210> 25178
<211> 177
<212> DNA
<213> Homo sapiens

<400> 25178
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atcactgcta ctgtagagg ttgctctata ctatctctga tctttcattt gttgcagttt 120
gcaacacagt agttgagaat aagtgggtta gtaggattg cttaatagta cccttac 177

<210> 25179
<211> 141
<212> DNA
<213> Homo sapiens

<400> 25179
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tagacaagta gccagtagga aaaaaaacia taattgttac ctaaagaatg aaaaccaagt 120
ggaaaaggcc gccagggtcc a 141

<210> 25180
<211> 223
<212> DNA
<213> Homo sapiens

<400> 25180
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cttttggtca ctcttaatgg attgtgctaa cagtttatac aaatgctaga aacggaggtg 120
tcatttagcc gtcattagcc atgaacaaac ctgacctttt attccatcgt gtgtgtaacg 180
tggtgtgaca tggttccctt taggctgaag acagtgggag cct 223

<210> 25181
<211> 150
<212> DNA
<213> Homo sapiens

<400> 25181
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atttcatccc tccttcgggt gctgagctg gccctcagcc ttcaaagtga ttctcactgg 120
agagagagga tgcttctctc cctggaccag 150

<210> 25182
<211> 146
<212> DNA
<213> Homo sapiens

<400> 25182
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ctaacatagt aaaaaatgaa gaaaaatgtt tagattaaaa ctctgtagtc tgatgactta 120
gaaccatcct tgacccttag gcccg 146

<210> 25183
<211> 139
<212> DNA
<213> Homo sapiens

<400> 25183
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tgaaattttt caatctagaa attctgtgcc aatggcacia gtcccatga atgamagcta 120
acatacccca acacctacc 139

<210> 25184
<211> 135
<212> DNA
<213> Homo sapiens

<400> 25184
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tcagtagtta tttttgtaaa atgtgtatca gaacacagta tgggtgctacc ttgtggraaa 120
acccagaccc ctga 135

<210> 25185
<211> 320
<212> DNA
<213> Homo sapiens

<400> 25185
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tagagctctt caggaaacta gagaattttg gactttgggt gacaaaagcg gtctgaactg 120

tgttcgtagc tgggaacatg aaacacaaaa ttctggggtt aatcttctga agaaatctat 180
aagtagttac tggcataaat ggtattacta tactaacaaa tttaaaagcc tataatgtat 240
taaaactctt ttttactcga ttacttttat ttttttgaga cacagtctcg ctctgttgcc 300
ccggctggag tgcagtggca 320

<210> 25186
<211> 164
<212> DNA
<213> Homo sapiens

<400> 25186
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attttagttt tctgaggagc catactgttt ttcataaagc tgtattaatt ttcatttycc 120
accaacagtt cacaagggtt ctcttttctc tacaacctg cccg 164

<210> 25187
<211> 147
<212> DNA
<213> Homo sapiens

<400> 25187
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aaataaatag ttcaggtaag tttagggtt ccttaattac agtaaagaat taacttttcc 120
ttcttttttt cttaatcagt gcaagat 147

<210> 25188
<211> 150
<212> DNA
<213> Homo sapiens

<400> 25188
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attcctagag tcatttttct taccctact 150

<210> 25189
<211> 106
<212> DNA
<213> Homo sapiens

<400> 25189
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cagaacattt ttctgccatg agaggtaaag ccagggttg ttcaga 106

<210> 25190
<211> 76
<212> DNA
<213> Homo sapiens

<400> 25190
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ttgggggggc aggaga 76

<210> 25191

<211> 154
 <212> DNA
 <213> Homo sapiens

<400> 25191
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 tttggctagt atatcttgct ggatggagcc ttgaactccg gcaaggattg aaccatctga 120
 cttccaaatt tgccttcccc tctggactcc cact 154

<210> 25192
 <211> 118
 <212> DNA
 <213> Homo sapiens

<400> 25192
 aaagagagac tatatttata ttcttagata gtttgttcca caatttttca tttcatgctt 60
 ccatatatat taccctgaac tttctatcac cacagataaa gattttgttt tgccccgc 118

<210> 25193
 <211> 142
 <212> DNA
 <213> Homo sapiens

<400> 25193
 aatatctagt ttttttaaatt tttaattaat ttattttataa tttactgtgt gttcccagct 60
 aactctatct tttttttcac ttgctcataa acttctggaa aaaaataagc atgaatcaaa 120
 tggaatgcc caatatccac cg 142

<210> 25194
 <211> 344
 <212> DNA
 <213> Homo sapiens

<400> 25194
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 tgattatctc tgcccctctt gaggagcaaa ggaaaaaatg agctcaaaaa agcttttctg 120
 ttgacatcat tgtccagtc tctgtgact gtaattatta atataagcag gcatagagta 180
 gttcttgggg tgacgcttct actgagagta ttgtgggtag ggatgtattt tattgcactc 240
 aagtgcctat aaccataaca atatgttata agcatataat gtttactttc tgaacattgg 300
 tgaagcaacc atcctgctat agaacaacca aaactgtaaa agat 344

<210> 25195
 <211> 364
 <212> DNA
 <213> Homo sapiens

<400> 25195
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 attgccagga aggttttgag tggcaagcac agtaccagcg ttaatggcct ctgatctccc 120
 tgtaacaatt gacttcattc aaagaactgt gtttaccgga tgtgggtagg acaccagctc 180
 ttgtgttcca tctggctgcc tggttctttg caatcttcct agcgcattat ttgcattttc 240
 tggcatgacg gaagaagtga aggctttgaa gaaaaacaaa cctgtatttg attcctagct 300
 ctaagtctat atctgggtga ctgtgtgtac accaacctta gattcaacat ctgtcgaaga 360
 taac 364

<210> 25196
 <211> 182
 <212> DNA
 <213> Homo sapiens

<400> 25196
 accgcttaat tactagtttg tggctctatat catagaagtt atttcccacc ccatttwatc 60
 ttgacaaccg tgtttgcatt tctgtaaaac ttctacaact tctgggtgtca gaactgtcca 120
 gaagatggta ctgttaactg ttatttcctt tgatgttttg attttraagt ttagctctca 180
 ca 182

<210> 25197
 <211> 169
 <212> DNA
 <213> Homo sapiens

<400> 25197
 aactacagga agatgctgtc aaccaggaag gcctccttag gaagaggctc caagaaacca 60
 gccaacggct gnaggatgtg gaggagcagg taggggtggct catggctaca ttagattcag 120
 gggacatctc ctcatatgcc ctgcaaacca tgaaataaaa atggaggat 169

<210> 25198
 <211> 154
 <212> DNA
 <213> Homo sapiens

<400> 25198
 tcattgtatc tgtatcaatc ccaaaaggta gaaaaccaag tatagaaggt tatattcttt 60
 aaggaaaaaa cggaatacaa aatctatttt acatatacat ccttttctat atacttaagt 120
 tgtacaacca attctaata caagatgcat tttt 154

<210> 25199
 <211> 279
 <212> DNA
 <213> Homo sapiens

<400> 25199
 tgagtctgga gtttaccaga gaagtcacat gtgtatagat ggtattttaa gccatgaaac 60
 tgatggagat tggcaagaga ggacaggcaa tggtaagcct gagttgtggt gcattttaac 120
 attaagagtt tgacgagatg agaaggaacc agcagaggcg aaggaaaagg attggctatt 180
 caattaggag aaaaaacaag agtgtattct tttggggaaa gccaaagtaca gaaagtattt 240
 caaggaagga gtgatcactt ttgtcagttg ctactgatt 279

<210> 25200
 <211> 268
 <212> DNA
 <213> Homo sapiens

<400> 25200
 atgggcatct accagatgta cttgtgcttc ctgctggccg tgctgctgcr gctctacgtg 60
 gccacggagg ccactcctcat tgcactgggt ggggccacgc catcctacca ctgggacctg 120
 gcagagctcc tgccaaatca gagccacggg aaccagtcag ctgggtgaaga ccaggccttt 180
 ggggactggc tcttgacagc caacggcagt gagatccata agcacgtgca tttcagcagc 240

agcttcacct ctatcgctc ggagtga

268

<210> 25201

<211> 202

<212> DNA

<213> Homo sapiens

<400> 25201

caaaaacaag	caaaacagga	ggaggcttag	tctactataa	aaagaaatgg	gtcagttaag	60
aggtgagatt	tgcatcttta	cctcaagaac	ttcaatatct	gaattgacga	ataagaattt	120
gtgtggattg	gacagaggaa	atccttgctg	caattttgct	aaaatataga	acaagacgta	180
aaacaattgg	gcacaagcac	ga				202

<210> 25202

<211> 300

<212> DNA

<213> Homo sapiens

<400> 25202

cataattgtg	agaattatcc	aaatgtgaca	tagaggctcg	aatgagcac	atgggtgttg	60
aaaaatggca	cccatagact	tggtagatgc	aggattgcca	caaacctaca	actggtaaaa	120
aacaatatct	acaaaatata	acaaagcaaa	gtgcaataaa	atgagataca	cttgtacaag	180
accaacaagt	gaaaccacga	agaaggggtac	acaaccaaca	catagccttc	ctttgtccaa	240
gcgaaagaca	cacattctaa	gaagacagca	catcagcctg	gacaacatgg	tgagaaccct	300

<210> 25203

<211> 272

<212> DNA

<213> Homo sapiens

<400> 25203

tcattttactc	tttctcatgc	attctacttt	tcagtcgata	aggaaaatgt	tttccaggcc	60
aaacaaacta	gactgagatc	atatgcttgt	caggagacac	aaaccttccc	tcaaggcagc	120
tggmacttga	atgggtaaaa	gttattgttg	ttgatattcc	ttagcttaat	aagggtcccca	180
aagtggcatt	gactttgagt	tctactgact	tttcatgtga	ctttaggcct	taattttccc	240
acctcaaaaa	tgggatgaat	gaagcccca	tt			272

<210> 25204

<211> 217

<212> DNA

<213> Homo sapiens

<400> 25204

aagctaattt	ttgtattttt	agtggagaca	gggttttgcc	atgttggcca	ggctgggttc	60
gaactcctta	cctaagatga	tccacccccct	cggcctccca	aggtgcttgg	attgcgggcg	120
tgagccaccg	cgccagcct	caattttacat	ttttgtttat	agctcttgct	tgtaattcat	180
ttcaaagaca	ttcagatttg	attctctatg	ccacaaa			217

<210> 25205

<211> 172

<212> DNA

<213> Homo sapiens

<400> 25205

tctgaggtga gatatggcag ctgtttgtat ctgcactgtg tctgtctaca aaaagtgaag 60
aatacagtgt ttacttgaaa ttttaacttt gtaactgcaa gaattccagt tcagccgggc 120
gaggattagt attattttta actctccgta agattttcag taccaccatt tt 172

<210> 25206
<211> 166
<212> DNA
<213> Homo sapiens

<400> 25206
cagaatttgg attatagaag tgcacttcct agctgttttt tatttaggta taggaacaca 60
caatgagaac cttatgttta gaatgtagca gtaacaacag agggtaacta cactgcaaga 120
cttaaatggg ttgagcatgt gacactatcc tttgtttggg gggaac 166

<210> 25207
<211> 87
<212> DNA
<213> Homo sapiens

<400> 25207
ttacttttca gtctgtatgt gtctatatgt ttcttgaag cataatattt ttggatcatt 60
ttttagttcg ttccatcaat ctacctt 87

<210> 25208
<211> 230
<212> DNA
<213> Homo sapiens

<400> 25208
abagaaagaa gataccgaga aakaaaggta tacgaagcaa ggcctgggga aaagttttcc 60
aaatgtttgc aagtaaagga tgttttaagc attattgttg gaagcatttt tagaaaatgt 120
cctaagccag gatttcagtn stggaaaagg cctccagcac tgtgtatagt cagtttcttt 180
ctcctcatag tcaagtgcgt ttttctgatt ccaaaggtag tatgtgattg 230

<210> 25209
<211> 301
<212> DNA
<213> Homo sapiens

<400> 25209
gaacatvmca tgctggactc ccttgttcat tcccggcaga gaagcgtcc cctcaccccc 60
cacagagccc tgctatgccg ggcaactcaga ccagccaggg gtggggggag cctgtgagta 120
aagtcgagaa ttggaggtgt ggtgccaccc tgaccacagc acctttcttc tccctgaggc 180
cacctcctca aataactcttc ttggccasag atgagggccc agctgtgggtt ggcagatctt 240
ttggggagata actggatgtg tgggggttggg agagttgcc a tgggtcccag tctcagggcg 300
g 301

<210> 25210
<211> 262
<212> DNA
<213> Homo sapiens

<400> 25210
gtctgtcaaa ttaaattgga aaaagtaacc aaacagtga atacaactcc acatgaaact 60

tgaaattgta	atttccgttt	atttaaatgat	atTTTTatTTt	atttTgtgcct	tttatgttga	120
accccaatgc	attgaaaaaa	ttcagtatga	aacagtacat	atTTTTattta	tattacaggt	180
gggagaaaag	tccaattggt	catggaattt	gatagacttt	tccccagcca	actgctacag	240
tgtattataa	tcccgactgc	ct				262

<210> 25211
 <211> 294
 <212> DNA
 <213> Homo sapiens

<400> 25211						
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caccaaagat	atgagagatt	cttttatttag	gtgggcatta	tttaaaacat	tttttatgga	120
acagtaagga	tattaaagtg	taagatgcag	ccaggcatgg	tksmcatgc	ctgtaatccc	180
agcactttgg	gaggctgagg	ccggtggatc	acctgaggtc	aggagtttga	gaccagcctg	240
accaacatgg	tgaaaccctg	tctttactaa	aaatacaaaa	atttaccagg	ctgc	294

<210> 25212
 <211> 323
 <212> DNA
 <213> Homo sapiens

<400> 25212						
aattagaagc	tagagctttg	gaggttctga	ggacgggtccc	tggggagcaa	gtggtagggt	60
tcgagggccc	cgcttccctt	ctgattcctg	cagtaactga	gagagagtgt	gccagaaatg	120
gctttgctgc	cgaatgcatt	atcttgccat	tttcgtgtcc	caatactgaa	caaacgatcg	180
cctgatcgat	cggctgttgt	ccagctctaa	tgatgtccta	gagcagaagt	gtttcttctg	240
atgtctcatt	ttaacaagag	gatgatgtct	gtgtatgtct	ctgtgtttta	gagaggctgg	300
caaatgctgc	taagaggatc	tgc				323

<210> 25213
 <211> 109
 <212> DNA
 <213> Homo sapiens

<400> 25213						
cttcatttaa	attagtttag	actattgtag	gaatggaagg	aaatgattat	atttactaga	60
attagtgaga	tcagaaagca	tatcagaatg	ttgatgatat	caaggagac		109

<210> 25214
 <211> 96
 <212> DNA
 <213> Homo sapiens

<400> 25214						
atgggtttgt	tgtagacagc	ttttattaaa	ttaagctggt	ccttgatatgc	caactttgct	60
gagagttggt	tttttttttt	tttttttttt	tttttt			96

<210> 25215
 <211> 261
 <212> DNA
 <213> Homo sapiens

<400> 25215

aaacagcctg ttgacggctt aaaataaacc tgccttttcc atttagcatt ttatcaaag 60
 aatataatth catttgctga tgaatttagt tcagcttcaa gagaattttt cttttcttca 120
 tggggagggt gaagaatcag aactgtcata ccaaagaatg aaaagcaagc ctagggagaa 180
 caagacagtc tgatgtttac atgggggtta cttattbvat cagtgaatc agaaaaggat 240
 cattctgcat tcgtggactg t 261

<210> 25216
 <211> 301
 <212> DNA
 <213> Homo sapiens

<400> 25216
 tttaaaatac catgaaactg aaaatgtcag gaattgatta tccagcagaa gaagtcaagg 60
 ttatgagaga ggaaactaag ttgatataaa attagtaatg aaaatatggg cttttactac 120
 ttgattatat tcattttatc catctgtaca aaggcatgga agatgaaaga tcgtagttag 180
 ccgagggtgg taatctttac tctggagcat gggtcaggga gtggggaggg aaataaggga 240
 cagtgtctaaa atcatggtct gccacctaat ttcgaagttt tgggaaaacc ccacctaccm 300
 h 301

<210> 25217
 <211> 169
 <212> DNA
 <213> Homo sapiens

<400> 25217
 taaatgtact acatttgcat gccttttggg ttgacctaa ttcttacctc atttgcattcc 60
 tatcgatctg gaaagagctg ttttgatga atgcagtata aaatgtaaaa accctgctaa 120
 atgacttatt gattaagtat atctatctat atatacatat acacaaaga 169

<210> 25218
 <211> 121
 <212> DNA
 <213> Homo sapiens

<400> 25218
 tctcagacgc gccgcgcasa ggtcggagca gcctccccgg gaggatgtcc agcggcagcg 60
 ctctcgctc cagcccttgg ggtatcttccg ctgaggcatt gaaggcagga agaaggggca 120
 a 121

<210> 25219
 <211> 59
 <212> DNA
 <213> Homo sapiens

<400> 25219
 caacttnncc ttaacaacag ccaacagccc ctnccaagag taggcttttt ttttttttt 59

<210> 25220
 <211> 181
 <212> DNA
 <213> Homo sapiens

<400> 25220
 caaagatcaa aaccaacaca cattaaatta acccctttac cttgaactaa gataaatagc 60

ctctggaaaa ctgggctccg aagtccatgc caaagaatth gaactttatc ctataagaga 120
 tgagaagcat taaagggtht aagaaaagct agtagthtag ttgagtaaga aattgggtggg 180
 c 181

<210> 25221
 <211> 107
 <212> DNA
 <213> Homo sapiens

<400> 25221
 taattthtttg acatattggg atthctthta agggaaatga ggaatgcaca tcagtgattg 60
 attgtcaaac ctcacccctt gatttcttac ctaatctacc cccctg 107

<210> 25222
 <211> 316
 <212> DNA
 <213> Homo sapiens

<400> 25222
 taaggggcat gttctgattc agtaggaagc cagctthtgg ttatgwaagt caaaggcaac 60
 tccaggagag tggaagthta gttctcatga taactctcac tgctgggaac cctactggga 120
 ggccaaagag atgccccctt thtgthtaagt thtgatattg ttaggthtga gaaatgtcaa 180
 gtagccagtt agatacatga gtcaggaatt caatgtgtca ggggtgtgtg agatgggggt 240
 taaagctaga tathtgagan ngatcagtht ataatggta tgaaaagcca tgcgacaata 300
 awakgancct acgcc 316

<210> 25223
 <211> 359
 <212> DNA
 <213> Homo sapiens

<400> 25223
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 ttatcagatg catttacatt cattthctct ctgtattggg accactgata gcagaaattg 120
 gattthctta gagcgagcat atgththctt thaaaaacaa gcattaaaaa tcttgaaata 180
 gtaagataaa aagaaaactg gccattthcc tactattcta ctatttatat ataaccctgt 240
 taacattatg gtgtatgtht ththaaatat thaatatatt gatatgagag gccgaggttg 300
 gtggatcacc tgaggtcagt agthcaagac cagtctggcc aatgtggtaa aaccctgtc 359

<210> 25224
 <211> 284
 <212> DNA
 <213> Homo sapiens

<400> 25224
 thththnnct atgaaaatgg ctgcagacac tgggggaggg agagggtggc cctgatcccc 60
 atgactctga aacatgcttg gccttcccc gaatttctg ctcccagccc agggccagac 120
 ggcaacagaa gtcatggaa tggcagactc tggacatgt cctagagatg ggaggtcaag 180
 atgatcaacg thcaggtcc cthcatctca gagggtctg agtcacctca ththaaaggtg 240
 ggaactgggg atcctggaac ctcccctgca cccagatgc thct 284

<210> 25225
 <211> 169
 <212> DNA

<213> Homo sapiens

<400> 25225

tctgaaraca	tgtagagaag	atgagttgag	gacagctttt	ctaaggcaat	gtgatgtctt	60
tgcttcttat	ttctctttct	ctgcgttggt	agttttgaag	agtggaggag	ctaggggctc	120
cagaaagaat	cttacacatg	tgttgaagac	attgatgtca	tagggggcg		169

<210> 25226

<211> 136

<212> DNA

<213> Homo sapiens

<400> 25226

tttgttttgt	tttgtcttgt	tttgttttga	gatggagtct	tgctctgtca	cccaggctgg	60
agtgcagtgg	cgctatttctg	gctcagcgca	acctccacct	ccttggttca	agcaattccc	120
ctgcctcagc	ctcccc					136

<210> 25227

<211> 172

<212> DNA

<213> Homo sapiens

<400> 25227

tagtttaatt	aaaactctct	cccctcttta	taagagaata	gcccttttgt	ttatcgggaa	60
tcactttttt	tttaattgta	gtaaaatata	cataatgtaa	aacttacgac	tttaaaatgt	120
acaattctgt	ggcatttagt	acatttacag	tgttgcgaaa	ctatgaagac	ac	172

<210> 25228

<211> 407

<212> DNA

<213> Homo sapiens

<400> 25228

gccttcttac	aatccattgt	tcacgttact	taagattcaa	tggtgccac	acatactcaa	60
gatcaaggcc	attctctctg	agtgcattgt	tcccttcgga	gaggcagctc	cttcamatte	120
ttaacacctg	gcccactg	ggacttcact	ttggtgagta	gatacctggg	tttttatttc	180
gagacattag	atagaattaa	ttccctgggt	tctttcagtc	tgttacacag	atcagtggtc	240
cttactttctg	agggctcttg	ggaacagaat	tctgttaacc	atctttggca	gcctaattta	300
gtcctttttct	gctaacaagc	tgtaataact	ttttgtttca	agtaaatata	aaacatattt	360
tgcaagtagc	tcacatctat	taatctttta	ctctatgcc	tcctaca		407

<210> 25229

<211> 271

<212> DNA

<213> Homo sapiens

<400> 25229

ttttaaagat	agaccaaaca	aatgcaaatt	gtggactaac	agttttaacc	aatataatct	60
ttttaaaaag	ctaattttaa	taacagcata	tgtctgaaat	aaacatgtam	tacttcmaaa	120
attatatatt	agaaataaga	ttttatccac	tttttaggaag	agtctacagt	ccatgtaggc	180
cgcatgttga	aagaaaatca	ctgtcttggt	gcactacaca	tgtgtaagca	tgatataaaa	240
aacagtggta	tacaacagtt	atgtgatgca	c			271

<210> 25230

<211> 126
 <212> DNA
 <213> Homo sapiens

<400> 25230
 catattgctt agcttggttaa taatgattct gcatgtgtgc tgggtttggg taattcttta 60
 aaggaagttt tctagatttg cacttgatgt ttgtttttta aaaactgatt atttatggcc 120
 gtgact 126

<210> 25231
 <211> 228
 <212> DNA
 <213> Homo sapiens

<400> 25231
 acatactcca ggcgggccgg ggcgcggtcaa tatggcgggc cagggctccc cctcgagctc 60
 tccgtcagac gactctacca cctcggggtc tctgccagaa ctgccgccga cctccaccgc 120
 gacttcgagg tcgccccag agtcgaagg gagctcccg agctcgctgc ttcagtggac 180
 ctgccccgag gactcattgc ccctagccgt gttttatggg ccgcccg 228

<210> 25232
 <211> 261
 <212> DNA
 <213> Homo sapiens

<400> 25232
 taagaatggt tgagtgaac atcatgtatt aatatcaaat gaaagacaag ggtgctgtat 60
 ctttgattat ttatcaaaaa agtataaatc ttttaaggaa aatgttagaa ttttaaagtt 120
 tttttttgat tgttgaagca tttatcttgt tgatttctta caaaagaaaa aggacgatgt 180
 cagtcaagca gcacttttcc agaataata gaacataaat aatatgatgt ggttgagtgt 240
 taacataata aatcatatac a 261

<210> 25233
 <211> 261
 <212> DNA
 <213> Homo sapiens

<400> 25233
 agaatggttt aagtagtctg ttgctcataa gcacgtgtct gcagtctgtc acttgcaagg 60
 ccttggtgat caccatgcag cacttggtgc cacacacacc cccacaagtc ttttttccta 120
 ataatccatt ttccacattg ccatgagggt aaagggttcc aatcaaaacc accattaaac 180
 tgcatagttt ctagtcttcc ctgagccctg atgctaatta tgatagtttg catagacata 240
 acttaaactt gtgattctcc c 261

<210> 25234
 <211> 145
 <212> DNA
 <213> Homo sapiens

<400> 25234
 tttcatcatt cttgtctctt cggaagctaa caccatgcta taataggcac taaatagatg 60
 tctaaaaaca ctttaagtat ttgtctagaa atctggtgca ttgttcagaa agaaccacaaa 120
 ttcaaaataa tttcaaagg cctag 145

<210> 25235
 <211> 203
 <212> DNA
 <213> Homo sapiens

<400> 25235
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 ccgcagctat tcttcctgat gctctcsttc scctccccc tgccatgaaa caggtgtcca 120
 gtgtgwrattg ttcttcctga tgtgtccatg trttctcatt gatctgcwtc tgctaataag 180
 ttagaataat aataggcgw agc 203

<210> 25236
 <211> 155
 <212> DNA
 <213> Homo sapiens

<400> 25236
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 ttatgtgctt atrctttggg tgnataacw aagaatctat tgataaatcc aaggtcacga 120
 agatttaccg gtgtgttttc wtctaagaat tttat 155

<210> 25237
 <211> 196
 <212> DNA
 <213> Homo sapiens

<400> 25237
 catattatctt cttcagcact atgtaccagg caccatttta agcatttaac atatattaat 60
 tcattagtac agcagcccta tgagaaaagt gctattattc ctattatttc aaagatgaaa 120
 aaactaaggc acaaattcaa ttgctgagaa tacacagccg gtaagtggca gacagtatga 180
 cgttgaaaac catgct 196

<210> 25238
 <211> 185
 <212> DNA
 <213> Homo sapiens

<400> 25238
 agttgtggga gtggaggagg aagaggcggt aggggggtacg ggggctgggc ccagaagatg 60
 gcggaggcgg gggatttctg gtaggtccta ctttagysgn aagatstggt accgttgaag 120
 cgtcagtcctt tgattcacag acagttgagc ttttcagctg ggaagccttt ccattttttt 180
 ttttt 185

<210> 25239
 <211> 209
 <212> DNA
 <213> Homo sapiens

<400> 25239
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 cactttggcc aaccctaaagt acaaattttt aagtgtttac tgtaagtatc gttaggcagt 120
 agttactaac tccaacacvk aatagcattg gtagaaagcn tataaatgca gtkatttagc 180
 ctcgactaag atttttctga tacctagtt 209

<210> 25240

<211> 160

<212> DNA

<213> Homo sapiens

<400> 25240

aaaatgacca ctgcccaggc cagaatctca gaggaggcca caggtccccg cccagacagg	60
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aatttctatt caaaaagacc gtaccagttt cagtccngc	160

<210> 25241

<211> 56

<212> DNA

<213> Homo sapiens

<400> 25241

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<210> 25242

<211> 217

<212> DNA

<213> Homo sapiens

<400> 25242

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agccggggcg ttagaacaga ggcttgaca ggtggagatg trgaagtctg tagtgggcca	120
tgatgtrtct gtttccgtgg agaccaggg tgatgattgg gacacagatc ctgactttgt	180
gaatvacatc tctgaaaagg agcaacvagg gggagcs	217

<210> 25243

<211> 75

<212> DNA

<213> Homo sapiens

<400> 25243

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agtbgcacaaa gttgt	75

<210> 25244

<211> 65

<212> DNA

<213> Homo sapiens

<400> 25244

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aaaat	65

<210> 25245

<211> 58

<212> DNA

<213> Homo sapiens

<400> 25245

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<210> 25246
 <211> 85
 <212> DNA
 <213> Homo sapiens

<400> 25246
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 acctacctga aatctgagtg actgc 85

<210> 25247
 <211> 84
 <212> DNA
 <213> Homo sapiens

<400> 25247
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 actgaatttt ttacaaacag caca 84

<210> 25248
 <211> 207
 <212> DNA
 <213> Homo sapiens

<400> 25248
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 ttttcctctt gcagatgagg aaagtaaaaa ataatacgaa catgtaattc agcntctcag 120
 attcaagcca atgttttttg catcaacttt tctatatgtg atgtatgtat ataaatacat 180
 agattaagga aataggwaac tgaaaca 207

<210> 25249
 <211> 191
 <212> DNA
 <213> Homo sapiens

<400> 25249
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 ttgcaggcat gcgccaccac acccagccaa ttttgtattt ttagtagaga tggggtttct 120
 ccatgttggc caagctgggc tcgaactccc gacctcaggt gatcagcctg tctcggcctc 180
 ccaaagtgc g 191

<210> 25250
 <211> 258
 <212> DNA
 <213> Homo sapiens

<400> 25250
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 attagtgaat ttgttggtg ggcacagtgc ctcatgcctg taatcccaac actttgggag 120
 gctgagaccg gtggatcact tgcagtcagg agttcgagac cagcctggcc aacatggtga 180
 aaacccatct ctactaaaat acaaaaattg gctgggtgtc atggcacgca cctgtaatcc 240
 cagctgctag ggaggcca 258

<210> 25251

<211> 161
<212> DNA
<213> Homo sapiens

<400> 25251
ctcgaattca tttgctttcc ttaacgagag aaggttccag atgagggctg aaccctcttc 60
gccccgcca cggcccctga acgctggggg aggagtgcac kgggargggc ggccctcaaa 120
cgggtcattg ccattaatag agacctcaaa caccgtccca a 161

<210> 25252
<211> 151
<212> DNA
<213> Homo sapiens

<400> 25252
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gagtaaagggt gagaaacttg aaatgcaagt ttatcaatct ccctttgtca tatagaaaat 120
tgattagaat tgtagccca gtaaagtgca t 151

<210> 25253
<211> 122
<212> DNA
<213> Homo sapiens

<400> 25253
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gagagctatc atctctacca ttatataaat gaaaaaaca ggtcacagaa acagctcgcc 120
ca 122

<210> 25254
<211> 149
<212> DNA
<213> Homo sapiens

<400> 25254
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cacatcattc tttatttagc aaacatttat tgactgactt ctctctgcca gggagtatgc 120
taaaacagat atttacagaa atggggcgg 149

<210> 25255
<211> 182
<212> DNA
<213> Homo sapiens

<400> 25255
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ctttcatgaa aaaaatgtaa atgtgaatga ttcattcatt ttgaacatat gtaactatct 120
taggagattt tcaggagatt ttaccctaca tggagtacac tgttcttagc agggaatgtg 180
ct 182

<210> 25256
<211> 147
<212> DNA
<213> Homo sapiens

<400> 25256
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 knntagtaga gatgggattt caccatgttg gccaggctgg tcttgaactc ctgacctcag 120
 gtgatccacc cgcctcagcc cccgcc 147

<210> 25257
 <211> 306
 <212> DNA
 <213> Homo sapiens

<400> 25257
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 tggttattag ctccgagagt ttttttttta atattttggg gttttcttta taaaggatag 120
 atcatctaca aatacttctt gcttttcaat ttagatgatg tttcctttcc tgcccaattt 180
 atctggttaa aacgtctgat acmctgttga atagaagagg caagggcaca tgttcatgtc 240
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 ctgtgc 306

<210> 25258
 <211> 91
 <212> DNA
 <213> Homo sapiens

<400> 25258
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 acatttaaga aaaaaacaar aaaacggaaa t 91

<210> 25259
 <211> 71
 <212> DNA
 <213> Homo sapiens

<400> 25259
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 cgacagcgga t 71

<210> 25260
 <211> 163
 <212> DNA
 <213> Homo sapiens

<400> 25260
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 ccagcgctcc aagaaggtga ggctgctggg atgggtgact ccgccgtcac tgcaaacacg 120
 ggacgtcccg tctactccct tacgctgct tggctctgaac bct 163

<210> 25261
 <211> 192
 <212> DNA
 <213> Homo sapiens

<400> 25261
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gatttccaac ttctctttaa aattctcaag gcctggscam ctttatttta gaggaatgac 120
tcttttaaag tagggcatga gtacttcagt tttccagagt cccactgtgc cctatcaccc 180
attagtgcc at 192

<210> 25262
<211> 173
<212> DNA
<213> Homo sapiens

<400> 25262
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ggctctcttc tctgttttg taccagtacc atgctgtttt gggttactgt agcctttag 120
tatagttgga agtcaggtag tgtgatgcct ccagctttgt tcttttggt tga 173

<210> 25263
<211> 220
<212> DNA
<213> Homo sapiens

<400> 25263
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cggactcggg gtgggtggcg gcgaggagcg tgcgccaga aaggcaagca gtcagcgta 120
ggggccggca ggtggagaga accctgcctc ccgcctcccc cgatcgccat gactccggct 180
tcgcaagag acctggttgc cgccgggccc tcccasctgt 220

<210> 25264
<211> 187
<212> DNA
<213> Homo sapiens

<400> 25264
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tgcaggtgga atacagtccc tgacaatgca ataataattt cccaacttat tccccttgcc 120
ttgctcgtcc tctactatgc actcagcagc agacgaattt ttngaaaata actgaaaacg 180
cacacca 187

<210> 25265
<211> 191
<212> DNA
<213> Homo sapiens

<400> 25265
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cccaggtggc cagtgtctga gcgagctctg gatccagcca ctgcactcca gcctgggcaa 120
cagagtgaga ctctgtctca aaaaaaata ataaaaaata aaaataaata ataataataa 180
ggctgggcta g 191

<210> 25266
<211> 265
<212> DNA
<213> Homo sapiens

<400> 25266
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ccttttcaact gctatccata ttcttcctaa acctcatata tgtgcacgat atgtatgtgt 120
 gtgaacacac atgcacacag agaccaaaga tactttatatt atttctaaac atatacacat 180
 atttatttta taaaatgatg gcttttaatt tataatacag atttataatg caaacttact 240
 tccatgtgac cattgctccc atcac 265

<210> 25267
 <211> 364
 <212> DNA
 <213> Homo sapiens

<400> 25267
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 agtcagactt aaagatttga kaaattatatt gtgtcattwa ctagacgtga tttttagttc 120
 tgtttgatta tatttcctac acaaacttct tatttaacag gatagcctac taaattaaat 180
 gtttcttatt tcaacttaact catttgatta aactgtattc tawwwyattt ggggtttttc 240
 cccctattca gttttaatct tggaatawrc atttgtaaatt tgtgatgtca ttkagactat 300
 atnnatattt gacttggcaa cattaacatg tcctaagact tagtgacagag aarcttggca 360
 gtac 364

<210> 25268
 <211> 312
 <212> DNA
 <213> Homo sapiens

<400> 25268
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 actgatgatc aagggtgtgc ttctctcaag catggtkcca actctgtgtc acttttttagc 120
 gttaaatggca gttgtgtgtc tgtggcagtg agataatgga ccactattaa acctgattct 180
 cttcgggtgct aggaaagagt gatgtgtgag attcccagag agtcgtcaca ccagtgttat 240
 gcctgggagt gccactggca taccgcagtg cctaaatccc aggccccctt ctcaggggggc 300
 gtggccacac ca 312

<210> 25269
 <211> 123
 <212> DNA
 <213> Homo sapiens

<400> 25269
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 atctctccag ccccagagct gaaaacacca agtgcctatt tgagggtgtc tgtctggaga 120
 cag 123

<210> 25270
 <211> 198
 <212> DNA
 <213> Homo sapiens

<400> 25270
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 ctcagaaaac atctttgatc ctgaatamgg mtgmtattcg ttvyggytyrg cctaccacca 120
 taactgttca aacaahagac cagtatgggg atgtgggtaca tgttcccaat atgaavgtgg 180
 aagtgaaagc tgtccccg 198

<210> 25271

<211> 270
<212> DNA
<213> Homo sapiens

<400> 25271
aagttgttgc atgtgtcaat gggtgttctct ttttatttct gagtaatgtt ccatgatatg 60
aatgtaccac agtttgttta accattcacc cactgaagga cgtttggatt gtttctaagt 120
tttgactgtg gcaagtaaag atgctatgaa cattcatgta cacatgaatt tgtaggcata 180
tgtttttatt ttgctgggag aaaagcccaa gaatgcagtt gctgggttgt atgggtattgt 240
atgattgttt ttcttttaag aaactgccgg 270

<210> 25272
<211> 186
<212> DNA
<213> Homo sapiens

<400> 25272
taacatgcct tcctcactaa gtttagtcat ttatagtttt tatttaaagt gagagatgtg 60
acacaagacc atatagaggc cactgttcag ttattaattt ccakataatg gcctaacttc 120
aatattattg tgtctgctga ataggaaggt ctaaggagag gagaaaaatg ggagaggcag 180
ggggac 186

<210> 25273
<211> 280
<212> DNA
<213> Homo sapiens

<400> 25273
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aatgagcaaa atgatttcaa ggaactgaac acttggatta ctgggattca ggagaaagag 120
tttgccatgt gttcaaaagc agcagagatg cgggtggggg ctaagcctca ttccaaagca 180
gatccatttt aaatcacacg gaacgaacag cctgatctca caatagactg ttccttctaa 240
gtacaccgtg ctgtgatttt ggaaaaactca gggcccaagt 280

<210> 25274
<211> 331
<212> DNA
<213> Homo sapiens

<400> 25274
antcattctt ttgcctggag ttttgtgagg taccgcgttg ctttatggga aaaggctgct 60
ccggaactgc cctacttttag actttttcat gggtatcaat ckgkacamag aatcaccaaa 120
ctgataaagc aggaacnaga gggcaaatca cgctgccaaag acaactgtgt aattcgctcg 180
aaaaagaaac gaagacaatg tatataaaaa tatgcaagaa tcacaggaaa cccacatata 240
caaccaccta gatgaagttg ttgctgctgt tagcatcact catagaaaga agttccaaaa 300
caagctgctw nngacagcac tattccagcc a 331

<210> 25275
<211> 171
<212> DNA
<213> Homo sapiens

<400> 25275
atagcagccg gtgatggcgg cagcggctgt ggtggctgcg gcgggtccgg gcccatgagg 60

cgacgaagga ggcgggacgg cttttaccca gccccggact tccgagacag ggaagctgag 120
gacatggcag gagtgtttga catagdmstg gaccagccag aggacgcgga c 171

<210> 25276
<211> 204
<212> DNA
<213> Homo sapiens

<400> 25276
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agtcccaggc tccacagagt cagatcacgg cttcacacca gtcgttctgg tcacttaggc 120
gttcgcgtga sscctaacc cttaccgcca cctcatcgtc actctacacc attctgagcg 180
caaaaatgtt ttgattgaga cagt 204

<210> 25277
<211> 119
<212> DNA
<213> Homo sapiens

<400> 25277
aatacataat ttgtgacat ttaagatgct gatattttct ggaaaaggat atagatagta 60
gtagtgaccc gcagagcctc acaataatgt ctaaagatat aaactgagta gatccctac 119

<210> 25278
<211> 131
<212> DNA
<213> Homo sapiens

<400> 25278
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aaactataga catcttacag agataagata atattaagaa tgcttctcat atttttcaca 120
tacctgtcct g 131

<210> 25279
<211> 235
<212> DNA
<213> Homo sapiens

<400> 25279
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ttcagatgta gtaaaatctg attgtgtaaa gtagaaatt aaacaaaatc ctctttggca 120
tggaacaaaa ccataaacca cacgtaataa accaggagga aatagttgca agatgtattt 180
ctgataaaat gctaataattg ctaatatata gaaagtact acacgttgag gagag 235

<210> 25280
<211> 193
<212> DNA
<213> Homo sapiens

<400> 25280
gaatctttta gtgtcaagtc agagaaaatc tggctcaaaa ccggctaaac aaaaaaagaa 60
atttagactc kcatgtagcg gawaaacctg gagctgtcaa agctttggag caaggcttga 120
ttacatggct cacctatgtc atcaaatgaa atactttttt ccatttttct tcttggcttc 180
ctatgacatc aac 193

<210> 25281
<211> 209
<212> DNA
<213> Homo sapiens

<400> 25281
taatgtctgt ttattaacta ctgaataatg ctaccaggat gctaaagatg atgatgttaa 60
cccattccag tacagtattc ttttaaaatt caaaagtatt gaaagccaac aactctgcct 120
ttatgatgct aagctgatat tatttcttct cttatcctct ctctcttcta ggcccattgt 180
cctccttttc actttattgc tatcgccgt 209

<210> 25282
<211> 283
<212> DNA
<213> Homo sapiens

<400> 25282
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ctgtggattt ctgagagcct ttattttccc tggaggtatt ttaattttct ttgaatagtt 120
catgtgtatt gattgagtta attctcaagt acattatttc ctttttgctg ctattacatg 180
aacagattct gggctcacac tgagctgggt taaaacccaa gctgtgtaat tcactctgtg 240
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<210> 25283
<211> 294
<212> DNA
<213> Homo sapiens

<400> 25283
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acctggcctt gatctcatta tttgttattg gtctgttcag gttttgggtt tcttcatgat 180
tcaatctttg taggttgtat gtgtgttgga atttgcctt tctaggtttt ccaatttatt 240
gacatgtggg tactcatagt agcctctaata gatccthgkg aatttctgca gttg 294

<210> 25284
<211> 240
<212> DNA
<213> Homo sapiens

<400> 25284
atattggcat ttttcaaccc agtgtcacta gatgtcacac acatttgtgg tgctttgatg 60
tttgcaagtc taacctctga acataaattt ggwcarataa ttggaacaaa gggadrcaga 120
tactngatat gaaagccata atgacggtga cttgtgtcgt gggggaaaac ataaggatcat 180
ttkctccctc tactcacaat actaraaaaa aaatggattc aagttaggmt ttcagggccg 240

<210> 25285
<211> 119
<212> DNA
<213> Homo sapiens

<400> 25285
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ggcagatact gttagactgg agccaaatga aaacagaacc acatcttgaa agggctaag 119

<210> 25286
<211> 125
<212> DNA
<213> Homo sapiens

<400> 25286
aatattgttt gtctaggaaa tggaatatga acatatgtac atatataattt attttttaaat 60
tcaagaataa catgtaaaat tagaaaaata ctacctgcca ctaaaagtgt acntctagga 120
gacgt 125

<210> 25287
<211> 148
<212> DNA
<213> Homo sapiens

<400> 25287
aggagcaaag aaagctagaa ttgaagaaga taagaaagaa acagaggaca aaaaaacaga 60
cgттаaggaa gaagataaat ccaaggacaa cagtgggtgaa aaaacagata ccaaaggaaac 120
caaatcagaa cagctcagca acccctgc 148

<210> 25288
<211> 258
<212> DNA
<213> Homo sapiens

<400> 25288
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ttatacatta dagccttttag cacatgcatt tttgtatttt ataaagtatt taaaattttg 120
ctggttttta acatttttagt agatgatatg cctaatagana tccatttgcc acgtttctag 180
tcatatgccg tgtatttcat gtttctgctg tatatatkyg gaactgcaat cttaaaggat 240
atagaatatt gtgggctg 258

<210> 25289
<211> 261
<212> DNA
<213> Homo sapiens

<400> 25289
cahtgtctct tccagacctg gaattgaccc tttctctaag gagcttttgt ttattttatta 60
ggcaaagata tttagacact acagtttggg tactaggggt acgcattact attaagtatg 120
ttaccatcac taatcctttt cagttgtcag aactgggagt gaaaaaaaaa catacatata 180
tatatatgta tatgcacata tatacacatg tataaagama tttagagctc atactgatac 240
tttgcattha atttrgggcc c 261

<210> 25290
<211> 139
<212> DNA
<213> Homo sapiens

<400> 25290
tatctgatgt tttctgaata ttaccttaca aatgctgctt tatttataac taaagaatag 60
ggaccctgtc ttttaaagct ttatatttcc tcaagtaaat gtttttcgta ttaaattccat 120

taataatatc tagtggcgt

139

<210> 25291

<211> 167

<212> DNA

<213> Homo sapiens

<400> 25291

aaaagcgcag	aagaaccctt	ttggagcaac	tgatgatga	tcaataaatt	ataccaaata	60
tatgtttaca	gtatgattta	aagtctgatt	cagaccagg	actctatatt	aagttcaact	120
gaaataacac	tggtttttta	ttatatcaca	ggaaaaaaaa	agtagct		167

<210> 25292

<211> 223

<212> DNA

<213> Homo sapiens

<400> 25292

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tggtattccag	aataataaat	acagtcatgt	gctgcttaat	gacatttttg	tcaacaatgg	120
gccacatata	tgatgggtcca	aagcactata	ctgtacatca	tctcattgga	aaaccttatg	180
aaataggagg	gcaactatca	tcataatcat	cttccttccc	ccc		223

<210> 25293

<211> 197

<212> DNA

<213> Homo sapiens

<400> 25293

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ataagtgtgt	gtgtgtgagt	atgagtttgt	acctatttttc	agaagaaaag	aacaatatgg	120
gaatgaaaat	cattttaata	aggtggctac	tataaaacca	aaaacctaaa	aactgaaagc	180
aatgtataaa	aaaaaaa					197

<210> 25294

<211> 364

<212> DNA

<213> Homo sapiens

<400> 25294

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ctaagttttt	vgtcactcca	gctatgtgtg	cattagggtg	catcccaagc	ccagtaaacac	120
tatgactttt	gcagactcat	agaggtcttg	tggtcttgga	taagatctgg	aagacttctc	180
tggtattacta	ggcagagaat	tttgggtctct	tcccttactt	tctcccaaac	aaacaagcag	240
agtctccttc	tctgtctact	gagctgccta	gagcttgaag	aggggtgaca	taagcatccc	300
tgtctctacc	caacactggg	acaatgctgg	gtcagacctg	aatccagcac	agtactgagt	360
ctca						364

<210> 25295

<211> 251

<212> DNA

<213> Homo sapiens

<400> 25295

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ccacgtttga	cagatctgtt	ctttataact	agctctttgt	tggtctttga	taaagctccc	180
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<210> 25296
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 <212> DNA
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<400> 25296						
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<210> 25297
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 <212> DNA
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<400> 25297						
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gctcacacct	ataatccac	acattgggag	gctgaggcag	gaggattgag	ttagaaacca	180
gcctggtcaa	catagcaagt	tccc				204

<210> 25298
 <211> 216
 <212> DNA
 <213> Homo sapiens

<400> 25298						
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cttgggaggc	cgagggtggc	agatcatatg	aggtcgggac	tttgagacca	gcctggccaa	120
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tgtaatcnca	gctacttggg	aggctgaggc	aggaga			216

<210> 25299
 <211> 207
 <212> DNA
 <213> Homo sapiens

<400> 25299						
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catgatttag	taatcttttg	gaaataaaaa	ctgtttttac	aatgcaagg	gtgtaaagga	120
agtgaatgt	gtttttggta	aaagataaga	agtcatgaga	atgtggattt	ttttctgcct	180
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<210> 25300
 <211> 141
 <212> DNA
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<400> 25300
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 cattcccttt accaccgtac t 141

<210> 25301
 <211> 351
 <212> DNA
 <213> Homo sapiens

<400> 25301
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 cagggtttct gctgtcggtc ggagggasga tgacgcgccg ggtcgggggt ttagagacgg 180
 agagtgagtg cggattccgc cagatggggg tcgggaactc cgggccaggc cctgacgtgg 240
 attgtgtttg ccgcctcctt taaccttgcc ctcatagact ggggggggta gtgctccccg 300
 cttccagcga ttctcgccgc ctectgctcc tgtgtagtaa ctggnscctt t 351

<210> 25302
 <211> 224
 <212> DNA
 <213> Homo sapiens

<400> 25302
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 cctttggatg tctgtggtat cagttgtaat gttttctttt tcatatatga ttttatttat 180
 ttgagtcctt tctctttttt cctagttatt ttggctaaag ggctc 224

<210> 25303
 <211> 68
 <212> DNA
 <213> Homo sapiens

<400> 25303
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<210> 25304
 <211> 199
 <212> DNA
 <213> Homo sapiens

<400> 25304
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 caattacttt tctcctcttt cccattttta aactaaggac ttagtttcat gcttacttaa 120
 aaaataaata cgatttaaaa ctcttatctt cccattacta aaccaccaa catacatttg 180
 tcctttccct catactctc 199

<210> 25305
 <211> 204
 <212> DNA
 <213> Homo sapiens

<400> 25305
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 ttgaaagcca gtttgggatt gtgggggagg ggatgcaaaa taaatagaaa atatagtctc 120
 ttcccataag tagcttatgg tttagaagtt cagttctcta atacaaagga taaccaagga 180
 cccatgcaat gcaaacagag acag 204

<210> 25306
 <211> 297
 <212> DNA
 <213> Homo sapiens

<400> 25306
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 agaagaagaa gccagtggcc ttaaggaaga acttatacct gaaaaattag aaagggtaga 120
 aaatccatta gaggaagccg ttaagttcct tatacctctt aagaaccttg ttgctgataa 180
 cattgacact catctgttag catttgaaat atatttttaga aaaggaaagt ttctgttaat 240
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<210> 25307
 <211> 394
 <212> DNA
 <213> Homo sapiens

<400> 25307
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 gaaaagagta gatcatcatc attgatgact actatgggag ttacatgaa ctatttcttt 180
 ttaaaggact gtattttatgg ctacttactc tcatttttct aattattatg aatttttagat 240
 cttggcctaa gtttaacacc tttaaaatta tgtagagaat actgataagt gtcaggggtc 300
 atttatcatc atctcacttg ggtttctgcg ggtcacttac agttgacaca acggaacaaw 360
 cggtcagttt actctataga tagcaaaagc ctgc 394

<210> 25308
 <211> 131
 <212> DNA
 <213> Homo sapiens

<400> 25308
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 gcaaggtgct actcatatag gcatagactc tgtacttcat ggagcagaat tagkrkrcta 120
 aacataggtt t 131

<210> 25309
 <211> 190
 <212> DNA
 <213> Homo sapiens

<400> 25309
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 tgtagatgta taggttagat atatagggaa tggttattatt ttttcctttt tttggagaga 120
 cggctctcgt ccatcaccca tgctgggtgtg cagtgtctgcg atcgtggctc gctgcaccc 180
 ccgcccctcg 190

<210> 25310

<211> 290
<212> DNA
<213> Homo sapiens

<400> 25310
catagaactg tacaacacaa tgagtaaatt ctgcagcatg cacattaaaa aaagaaagaa 60
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ccatcttaca aatgtaatat ataaacttac tgaaggatg gcagtcaaag gatctagcct 180
atattttgga aaacagtatt ttgaaaggac aaaatctgca aagaatgagg ctaactctaa 240
aaagaactat acatagacat tgtatttttag ttgatttttt tcaaaggagt 290

<210> 25311
<211> 213
<212> DNA
<213> Homo sapiens

<400> 25311
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tatgtaagta tatcaaatat gcatgaattc cagataatgt ctcggggttt tagatgtatt 120
acttagctta attagcatca cagccagttg gagggtgatt tatgtatatt ttaaagggat 180
tcagtaaaca gattgagaaa agctagggag tcc 213

<210> 25312
<211> 406
<212> DNA
<213> Homo sapiens

<400> 25312
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gaatagggtc agaaagaaaa gaagagggtt ctatctccag aggagttagg ggccaggat 120
tcagaagggc cctctctttg ccactgcaat caatcagatg ttcacaaatt ataccttttt 180
aatgcatcac taggctctta gaaagcagggt gaaaactgta ggctgaaaca gaaacagtgg 240
gdcnttaagc agcaaacgct aaaactagct tggaacatgg aatcttaggt tccccacaaa 300
gtaggagtct gaathgwagc tcccatatta aactggaatt cttgaagagg gttaaaatgg 360
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<210> 25313
<211> 222
<212> DNA
<213> Homo sapiens

<400> 25313
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atggtgcatt gtaaaattaa aaaacacaac ttgcagaacc aaatatatgg catcagtaca 120
tttttgtaaa actacaaaga tacttaccta gtaatatagt atagaaaaca attctgaaag 180
ctgtgtccac taaaagatta acagtgggta tctctgggtg tg 222

<210> 25314
<211> 273
<212> DNA
<213> Homo sapiens

<400> 25314
aactggtggt aatttaagtt acctgggatg tttctttgaa tttgttttat agtttctgta 60

gcatttgga	attgctgtta	gaaaacacta	gctagaaatc	ccctccccac	cacctttttt	120
aaggccagtt	aactatacta	cagtcaatac	cgtggtgagc	aaaaatgtaa	aagggtggaag	180
gagaaaactt	actaaaatag	tatgttttcc	tattataagg	gacagacttg	gtattcagta	240
tttgtcaa	attacatgtg	ttattcagga	gat			273

<210> 25315
 <211> 109
 <212> DNA
 <213> Homo sapiens

<400> 25315		
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agaagcgagg	gtttcggctg	cagggttttg
	ctctgccggc	gcgcacgac
		60
		109

<210> 25316
 <211> 260
 <212> DNA
 <213> Homo sapiens

<400> 25316		
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gaggcattga	agtagcgggt	gcttacttat
ataaactccg	tagctgattt	ggtaataact
ccggtggcag	agcactttta	ctccacattc
cttccctccc	cagcccagtc	
		60
		120
		180
		240
		260

<210> 25317
 <211> 81
 <212> DNA
 <213> Homo sapiens

<400> 25317		
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ctattcccct	actgctagca	a
		60
		81

<210> 25318
 <211> 151
 <212> DNA
 <213> Homo sapiens

<400> 25318		
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tatctcgggg	ctgcttcatg	aactctgacc
cgcaggaacc	agcccagagc	gctatgacct
		c
		60
		120
		151

<210> 25319
 <211> 189
 <212> DNA
 <213> Homo sapiens

<400> 25319		
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aacaagcaag	aatgaaaatc	acctgccata
tacattactt	atccaactgc	ttgtcttacc
		tacaaccttt
		gtttaaatga
		ctctaaaatc
		60
		120
		180

caacccgta

189

<210> 25320

<211> 229

<212> DNA

<213> Homo sapiens

<400> 25320

cyttctaaac aacctcatac agcccagtta cataatgttg gctgtcacgg gcattgtact	60
tttatctgat attgtttcct ctaaattcag ctttccakgt ratrwttaaa atcttgtgaw	120
aatgtttaga tttttaacac agaccctgtc ataaaatctg tacattaggg tcaaaaggta	180
aaagtaacaa attctgccat attgttaaatt tccagtgcag gctttaatt	229

<210> 25321

<211> 240

<212> DNA

<213> Homo sapiens

<400> 25321

agttcaatgc gagctgagca gacagggctg caaggaaatc tggcgcggtt caatacctcg	60
tctagcctgg gttccagtat ctaatttttt ttttgtttta actgacaaac tcattttctct	120
actgggacag gatgctgtgc tggctggaag ttccatttct acagcaagaa tcctatctgg	180
aaacacagaa gttgtcctct agccacagca gtcggaactt ttttgattgy cgttgctgct	240

<210> 25322

<211> 147

<212> DNA

<213> Homo sapiens

<400> 25322

caatagaata gtcattcctc tttcatttta aagttaaacc ctatgctcat actcacagtc	60
tgtctcctct agcttctaca gtgacctaga ctcatcagtt atctctgcct ttctgtatct	120
tcaacttttt cctctgtcct gaccgag	147

<210> 25323

<211> 114

<212> DNA

<213> Homo sapiens

<400> 25323

ctaaggcagg agaatcgctt gaaactggga ggcggagggtt gcggtgagct gagatcatgc	60
cattgcactc cagcctgggc aacagagcaa gactctgtct caaaaaaaaaa aaaa	114

<210> 25324

<211> 134

<212> DNA

<213> Homo sapiens

<400> 25324

ctgagggagt ggctctggcc ccgagggctt tcgcagtgcc cacggggcag cttgttttgt	60
ggactattgt ttggatattg ggggatgcca aggtgagggg tggggagagg ccaggagca	120
catgagaggt gcct	134

<210> 25325

<211> 319
<212> DNA
<213> Homo sapiens

<400> 25325
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gagaaccagt tgtcatgagg tatacttact taccttactt acctaaagat tatcacagta 120
tttaaactgt aacttaagag gtaaaagtct attaagtatg ttgatgaata taacctgcac 180
agtggctggc agcaagtaaa ccctgtttgg gtgttcaact ttaatttttt gttgaaatat 240
gtaagcagga gagtgcacct accgcaagtg ttcagtttgt tcatttttaa aarstgaacc 300
ccctgtataa ccagcagtt 319

<210> 25326
<211> 205
<212> DNA
<213> Homo sapiens

<400> 25326
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ggctgttctg ggtcttcaca tgcatttgtt tataccaaat tttttttttt yctcgcatct 120
gactgctttt gctcagcaaa aagcttttga gattcaccca tgttttattg catgtatcaa 180
tatgtttctt tttactatgg aggct 205

<210> 25327
<211> 241
<212> DNA
<213> Homo sapiens

<400> 25327
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tccatcctca cgttcaggct ttggttcctc cagtgggtggc ttgtgttgga gaccattttt 120
acaaaattac atctgaagca cttcttggtt ctcaacagct tgtcaaagta attcgtcctt 180
tagatcagcc ttctctggtt gatgcaactc cttatatcaa agatctattt acctgtcccg 240
a 241

<210> 25328
<211> 142
<212> DNA
<213> Homo sapiens

<400> 25328
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aaattcctga aaaatatttg atttttgagg aagtacatta gaatttggca tttggtttgc 120
gtgccaattt cagcagcacc ca 142

<210> 25329
<211> 377
<212> DNA
<213> Homo sapiens

<400> 25329
ttacaacacc tggccaacct ttactcctta ttacactaac tttatcggtt gtgttctact 60
ctaccacaaa ctctggggaa actgaggctg gggtagcttg ctgggtgcact agtaaattcc 120
aaacttgaac gggagaaatg cttattggaa gcactgtctt tatatagttt gcaagttgtc 180

attacttttt	atttttagag	acatgtcttg	ttctgttgcc	caggctggaa	tgcagtggca	240
tgccaccatg	cagtggcatg	gtgatagctc	actgcagtct	caaattgctg	ggctcaagta	300
atcctcctcc	ctgtaatccc	aaagtgtctg	gakkataggc	atgcaccagc	acatccagct	360
aattttttgt	tggtcca					377

<210> 25330
 <211> 222
 <212> DNA
 <213> Homo sapiens

<400> 25330	
aatagagacc	60
aaaagaaaca	120
caaaaatata	180
atacgaacag	222

<210> 25331
 <211> 333
 <212> DNA
 <213> Homo sapiens

<400> 25331	
cagaaagtca	60
gacatctaca	120
cacacctatt	180
agaacagaag	240
attaagaatc	300
gactactggg	333

<210> 25332
 <211> 259
 <212> DNA
 <213> Homo sapiens

<400> 25332	
ttatttttaa	60
ccactgttga	120
acataaccct	180
ttgaaaaaac	240
atgctctgaa	259

<210> 25333
 <211> 369
 <212> DNA
 <213> Homo sapiens

<400> 25333	
tgggggtat	60
tagatttgta	120
ttaaagggac	180
gttcagctat	240
tatcatctta	300
agggggggat	360
gtgggggtgt	369

<210> 25334
<211> 304
<212> DNA
<213> Homo sapiens

<400> 25334
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tcccagcact ttgggaggcc aaggccagcg gatcacttga ggtcagaakt tcgagaccag 120
cctgaccaac atggagaaac cctgtctcaa ctaataatac aaaattagcc aggcgtgggtg 180
gcgcattgct gtagtcccag ctactcggga ggctgaggcr ggagaatcgc ttgaaccgag 240
gaggcggcgg ttgcmgtgag ccgagatcgt accattgcac tccagcctgg gcaacaagag 300
cgaa 304

<210> 25335
<211> 187
<212> DNA
<213> Homo sapiens

<400> 25335
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ctgaggcggg agaatggctt gaacctgcga ggccgagggtt gcagtgcgct aagatcatgc 120
cactggcact ccagccttga gtgacagagc gaggctctgt atcaaaaaaa aaakttgcgg 180
gggcca 187

<210> 25336
<211> 385
<212> DNA
<213> Homo sapiens

<400> 25336
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gtgtggatcc ctcatgaata gatgaatgcc ctctctcgtg ggtagataag tgagttctag 120
ctctttcagg tccaacaag agctggttgt gaaaaagagc ctggcacgcc cacttgccctc 180
tgctcccacc ctgtggtctc tgcacgtgcc agctcccctt tgctttccac cgtgagggga 240
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agccaaataa acctatttc ttataaatt acccagcctc agataktcct ttttggcaac 360
acaaaaatgg actargagaa ctaga 385

<210> 25337
<211> 200
<212> DNA
<213> Homo sapiens

<400> 25337
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actggggtas tcagaagggt aggtgagctg tcacacagcc ttgatgctag aatgagggtg 120
ccctggtagt gtcttatcag ccatgacact ggtgcattgg gccagggttg tttttttttc 180
ttttttttga gacaggctgt 200

<210> 25338
<211> 294
<212> DNA
<213> Homo sapiens

<400> 25338

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ttcccgggtt	cagacaatct	ttctgagtac	ctgggaccac	aggcatctgc	taccacgcac	120
agctaatttt	taatttttat	acagacaggg	tctccttggt	ttgctcgggc	aggtctcaaa	180
ctcctgggct	caaggatcct	ctctaccagc	tgagcstcct	aaagtgctgg	gattataggt	240
gtgagtcacc	atatcctgta	tgtctctggt	ttttaattca	katkttcccc	tcta	294

<210> 25339

<211> 310

<212> DNA

<213> Homo sapiens

<400> 25339

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ctcctgagta	gctgggatta	caggtgcctg	ccaccatggc	tggctaattt	ttgtgttttt	120
agtagagacg	gggtttcacc	atgttgacca	ggctgggtctc	aaactcctga	cctcaagtga	180
tctgctcacc	ttgggtctccc	aaagtgctgg	gattacaagc	gtgasssacc	gctcctggct	240
gagataggtc	tttctttaaag	gggagagggg	agtgggtggag	agagaggaga	kaagatgaca	300
aaggaggaac						310

<210> 25340

<211> 236

<212> DNA

<213> Homo sapiens

<400> 25340

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ttgtttgcaca	aaaatctatc	atatattaat	atattataaat	aaagaaataa	gaacctactt	120
tagtcttttt	gtctcagagg	acagttttat	tacattaaag	atgattacaa	agcaacgcaa	180
gtcagcatga	ataatttggt	tccttggtta	ttgctgaatt	taaaaaaaaat	aggggt	236

<210> 25341

<211> 156

<212> DNA

<213> Homo sapiens

<400> 25341

tatyatactt	kmagtttttag	ggtacttggt	cacaatgtgc	aggttagtta	catatgtata	60
catgtgccat	gacggtgtgc	tgacccatt	aactcgtcgt	ttagcattag	gtatatctcc	120
taaagctatc	cctccccctt	cctccccgcc	caaaca			156

<210> 25342

<211> 375

<212> DNA

<213> Homo sapiens

<400> 25342

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aggcactttt	aagaaattct	agagctccac	agagtagatt	taggaaacta	ctgatctagt	120
gtgttttttt	tcatttttaca	aatgaaaaat	tgagaccaa	aggcctactg	acgtatccaa	180
aaatcacata	gtggaagagt	tataaacaaa	tagaactata	gtttctgact	ctgggatggg	240
attctagtga	actaagaagt	ttttctaata	tctctgarga	tatttacact	ttttgatgat	300
tgactatatt	tttccatctc	tctggacaga	cakctgttct	ccagcatatc	ctttgctacc	360

tgttttccay ctgat

375

<210> 25343
<211> 144
<212> DNA
<213> Homo sapiens

<400> 25343
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ctaagtaaaa ctaagctcat tagtgacaga cttgttttct tcttgttatt cctccagcaa 120
ctccctcacc accacgcctc ccgc 144

<210> 25344
<211> 103
<212> DNA
<213> Homo sapiens

<400> 25344
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aaaatgtctg attaccccat tttatcagtc ctgactgtac tct 103

<210> 25345
<211> 298
<212> DNA
<213> Homo sapiens

<400> 25345
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tcattctattt tttcctttgc tttcctgggg tttgagttta aatcataaag tcaactgccag 120
ctgggtgtgg tgattcatgc ctgcaatccc agcattttgg gaggccgagg cagggtggatc 180
acttgaggcc agtttgagaa cagcctggcc agcatggtga aaccccgctc ctactaaaaa 240
tacaaaaatt agccagactt gatggcacac acctgtagtc ccagctactt gggagagc 298

<210> 25346
<211> 99
<212> DNA
<213> Homo sapiens

<400> 25346
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attttttagtg taagaaatgt accctctcca cactccaaa 99

<210> 25347
<211> 154
<212> DNA
<213> Homo sapiens

<400> 25347
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ctcgtgatcc gcctgcctcg gcctcccaaa gtccctgggat tacaggagts agccaccgca 120
cccccgccct gttttgcttt gtttttaact gggg 154

<210> 25348
<211> 366

<212> DNA

<213> Homo sapiens

<400> 25348

taagattcct	acactttatt	tctgccattg	atgcttttcc	taaaccctta	tactatcttt	60
ttattatctg	agccttttcc	taatgcagct	cataggtgct	agctagagct	gctgctcagt	120
attgaagact	ttacaaggag	attagaaatc	tttggaaaac	atatgtgatg	aaattgagct	180
atatgattta	tcagagatct	gattccaaag	agcacagaat	actgtttctca	gaccatgaaa	240
ccagacaaca	catgtattgg	tttaaactcg	ataatgacag	gaaaattccg	aactagagca	300
gtaaattcaa	atggtaagat	gaatcctaga	aggcctctga	ttgcagcatg	ttgacaccaa	360
ccccac						366

<210> 25349

<211> 196

<212> DNA

<213> Homo sapiens

<400> 25349

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gctttgatta	gaaataataa	cagctaacat	ttgaggattt	actgtgtgcc	ttgaacgctg	120
ctaagctctt	tatatatatt	acatattgag	tggtagaatc	aggattcaaa	tccagatctg	180
actccaaagc	gctaac					196

<210> 25350

<211> 224

<212> DNA

<213> Homo sapiens

<400> 25350

tatgtggtgt	aaaggtttgt	tatacgtgcc	acaatatagc	atataaatat	tatgccatca	60
ttccttctct	tgttaaagg	agaagaataa	aattgtgatt	tttataacct	gtgcttatta	120
ctcaaattgt	cttcaacatc	tttttaaaca	acacatacct	tttgaatgtt	cagtttctat	180
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<210> 25351

<211> 283

<212> DNA

<213> Homo sapiens

<400> 25351

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cttcagcttt	cggggtgctg	gcggaccgcg	tggggtttga	ggtctccgag	aatgaaacgc	120
gctggcagcc	gggacgaagg	gaacttacct	ggaagtgaac	tcgaactact	tttcccaagg	180
ggcggttcgg	tagcccaggc	cagtcgcccg	cctgggaaat	attacagttc	aggaaaaataa	240
acataactcc	tttaaggagg	msaatgggag	ctagacaggg	aaa		283

<210> 25352

<211> 125

<212> DNA

<213> Homo sapiens

<400> 25352

tactaactga	atatttcttg	aatttatcca	cttcgttcca	ctgacacttt	ccctattcag	60
atactgtaac	ttgcataaag	atgagctcac	tcagggccta	gttttaattt	tgataacgaa	120

gaaaaa 125

<210> 25353
 <211> 201
 <212> DNA
 <213> Homo sapiens

<400> 25353
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 agataaggta atggcttaga gttawtggk taaaggattg ttattaarta agawtcaaaa 120
 gargtgattt aaacactaaa gaggtascaa agahccaaag taagttgarg aattactgtg 180
 ttcttttaaag acaaaagcag a 201

<210> 25354
 <211> 154
 <212> DNA
 <213> Homo sapiens

<400> 25354
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 attctggaaa gcattgttat cataggagat ggcagcttca tgtgtgttat tgcccctgaa 120
 gactttccag tgggataaga tatggaggtg ggta 154

<210> 25355
 <211> 83
 <212> DNA
 <213> Homo sapiens

<400> 25355
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 agtacctgaa gtgagctgaa ctt 83

<210> 25356
 <211> 269
 <212> DNA
 <213> Homo sapiens

<400> 25356
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 ccttcacctg ttgatggata tgtgggttgt ttgcaggttt tggctattgc agataaaagct 120
 gctgtgaaca ttcattgtacc gacaggtctt tgtgtagatc cgggctttcg tttcccttgg 180
 gttaataacct aggagtagag tggctggatc ataggggagg catatgtttg agtttttaag 240
 aaaccgccac attgttttcc aaggcagca 269

<210> 25357
 <211> 88
 <212> DNA
 <213> Homo sapiens

<400> 25357
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 actcctgacc tcaagtgatc caccgcca 88

<210> 25358

<211> 346
 <212> DNA
 <213> Homo sapiens

<400> 25358
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 ttgtcctgat actaaggaca agtatgctca tataacatta acagacaaga cnsttttcak 120
 waagacaggc aacgtgttgg accttccgga gcttctcaga agacagaggg ttttcttttg 180
 aggctgttgt acagtggcct gattatagct cactgtagcc tcgaaattct gggccgaaat 240
 gatccgctg cctcagcctc caaagtagct gagactacag ttacaagcta ttgaggcact 300
 ccagagtgcac ggcattgtgat cccctcgaca caagaaacag gccccg 346

<210> 25359
 <211> 143
 <212> DNA
 <213> Homo sapiens

<400> 25359
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 tcctacagta ctacagaata ctaaaacata ctattcctat ctggctgtgt aaacttgtat 120
 cctttaacca atcctacccc caa 143

<210> 25360
 <211> 326
 <212> DNA
 <213> Homo sapiens

<400> 25360
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 aaaatagaaa tcttagccag ccgtcatggt gtgctnctgt agtcctagct acttgggaga 120
 ctgaggtggg aggatcaatt gaaaccagaa ggtccaggct gcagggaact gtgactgcac 180
 cactgggctc cagcttgggt gaaagagcga aaccctgcct caaaaagaaa aataagatgg 240
 atgtttctgc attaaaatta gggagttgtc gtataatgta gttgcataaa ctagtattct 300
 gtgcttghgt ggttaaagag cctgaa 326

<210> 25361
 <211> 212
 <212> DNA
 <213> Homo sapiens

<400> 25361
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 tcgccattct gtagtcttca gggtcagctg ttgataaagg ggcaggcttg cgttattggc 120
 ctmsattttg ctgcagatta aatcctttga ggattctctt ctcttttacc atttttctgc 180
 gtgctctcac tctctcttct tctctctagc ca 212

<210> 25362
 <211> 164
 <212> DNA
 <213> Homo sapiens

<400> 25362
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 cttttttcc tagaacttta atattaacat ggaaaattct gaaatggaca acaaaaagat 120

aacactttgt gtatggggaa gaatatcatg cagttgatga cggt 164

<210> 25363
<211> 166
<212> DNA
<213> Homo sapiens

<400> 25363
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gagttcaggg ccagcctgga caacatagta agaccctatc tctaccccc taataaatta 120
atttaaaaag ccccccaatc tgtggtatct tattatggca gcccgga 166

<210> 25364
<211> 375
<212> DNA
<213> Homo sapiens

<400> 25364
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aaacgcattc catcctgtga gctgaccttg ctgggggacac cgtctgggag tcgtttttga 120
ttagaagttg acctcagaaa tatgtctaca tcattttgaa agcatcttcc agcaccacag 180
aaatcgactc agatggagaa aggacactga gtggacaggg gccaggatgg ggcgtggacg 240
ctctgcctct gccggggaca aggccttccc acagactccc tgggggtgtg ccagcctgag 300
tcagagatat tgatgtaatg cctaccgtgk vcagacacgc tgcgaggccc tggggatgca 360
gccacaatcc caacg 375

<210> 25365
<211> 224
<212> DNA
<213> Homo sapiens

<400> 25365
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atcttgggaa atgagcactg agtaggttcc tgagtctggg tttcagagtc tcccacttgg 120
agggtggcagg ctatgcttct cagcagggtc ctcggtgttg cagtgtgggg ataaatggct 180
gcccagaaca cagaataccc tcccttcagc tatgtggcgg gcct 224

<210> 25366
<211> 278
<212> DNA
<213> Homo sapiens

<400> 25366
tttaaatatc catttatctt ttgtatatct aagactcatc ctgattttta ctatcacaca 60
tgaataaagc ctttgtatct ttctttctct aatgttgtat catactcttc taaaacttga 120
gtggctgtct taaaagatat aaggggaaag ataatttgt ctgtctctat attgcttagt 180
aagtatttcc atagtcaatg atggtttaat aggtaaacca aaccctataa acctgacctc 240
ctttatgggt aatactatta agcaagaatg cagtacgt 278

<210> 25367
<211> 282
<212> DNA
<213> Homo sapiens

<400> 25367
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ctggcagaag tcttgtgatt catggcaaca tgcggtccct gggtagggtc ttatcaggag 120
ttctccaatt gttggcatac tgtttactat gtaacttaca gacactgaaa aggatcctga 180
tttgtttcag aatgggaaga aagtctggct gatggtcttg cacatggaca ctttaacctg 240
tatgttgcca tctgtagcca atgattgtaa cttctgtaat gm 282

<210> 25368
<211> 157
<212> DNA
<213> Homo sapiens

<400> 25368
tagattctac tatctgtggg ttgtgcttgc cagacaggtc ttaaattgta ttttttttgg 60
aaaagtttat atactctctt aggaatcatt gtgaaaagat caagaaatca ggatggccat 120
ttatttaata tccattcatt tcatgttagt gggagca 157

<210> 25369
<211> 222
<212> DNA
<213> Homo sapiens

<400> 25369
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gtgacttccc cctccccttc accnnktccc ctccccgccg ccgctgcagt ggccgctccc 120
tgggccgtag gaaatgagcg ataacgatga catcgagggt gagagcgacg ctgacaaaacg 180
ggctcatcat aatgcactgg aacgaaaacg tagggggccac gt 222

<210> 25370
<211> 102
<212> DNA
<213> Homo sapiens

<400> 25370
aggcggggat cgggcggcgc cgagctgagg tggtagggga ctagctcccg gatgtggaga 60
agctggggag aaggcgtggg aggaagatgg actcgggtga gc 102

<210> 25371
<211> 200
<212> DNA
<213> Homo sapiens

<400> 25371
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tctttgcagt tattagtcat tgtcttctaa aaatatTTTT taactttatt cccccacccc 180
ttccttccct accaccaccg 200

<210> 25372
<211> 304
<212> DNA
<213> Homo sapiens

<400> 25372

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atgtcgtgtc	gaaacaatat	tgtgtaacta	tatcttttaa	agacaatcct	gcaataataa	120
aactaataaa	cataatgtaa	tgacatttgt	aaagtgtatc	ccagaactat	cagtagatta	180
ataaatattg	aggaaaagga	acatcctcag	tcaagtaagt	ttagagacct	tattgagttg	240
cttgcttttac	tgtaagattc	ctcaagacat	ttaatatatg	tgttaaaatt	ctctaagaga	300
cacc						304

<210> 25373
 <211> 346
 <212> DNA
 <213> Homo sapiens

<400> 25373						
tagagaagca	agagcaaaca	cattcaaaag	ctaggagaag	gcaagaaata	actaaaatca	60
gagcagaact	gaaggaaata	gagacacaaa	aaacccttca	aaaaattaat	gaatccagga	120
gctgtttttt	tgaaaggatc	aacaacattg	atagaccact	agcaagacta	ataaagaaga	180
aaagagagaa	gaatcaaata	gatgcaataa	aaaatgataa	agggcataatc	accaccaatc	240
ccacagaaat	acaaactacc	atcagacaat	actacaaaca	cctctatgca	agtaractag	300
aaaatctaga	agaaatnngt	aaattcctcg	acacatacac	cgtccc		346

<210> 25374
 <211> 271
 <212> DNA
 <213> Homo sapiens

<400> 25374						
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caggacttga	aagaaatggt	gaatgcctat	ggtggatcca	aactgatcca	gtataagact	120
actgaatctg	ctacaaaaac	agttaatcag	tgagtcgatg	ttctatTTTT	tgTTTTgttt	180
cctccccctat	ctgtattccc	aaaaattact	ttgggggctaa	tttaacaaga	acttttaaatt	240
gtgTTTTaat	tgtaaaaaatg	gcaggggggag	a			271

<210> 25375
 <211> 153
 <212> DNA
 <213> Homo sapiens

<400> 25375						
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aataacattt	ttttactgtg	taaaccctact	agtaaaaaata	caaaaataga	gtaattatag	120
gctttcggga	agcttaagct	ttagagaacc	acg			153

<210> 25376
 <211> 93
 <212> DNA
 <213> Homo sapiens

<400> 25376						
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tggaccaagg	tgggccatac	caactccctc	tga			93

<210> 25377
 <211> 314
 <212> DNA

<213> Homo sapiens

<400> 25377

agatctccag attccacat acccgaaata tgcaactact absaccattt tggcattgtg	60
cttttctgtg tgtatatgtg tttgtgtcct agcaaaaaga aatgcaattc ctgcaggaaa	120
aatgcactgg gagaagagca tccagggcct acagtttaca ttctgtattg tgagctatca	180
gttgctatga tttactgaat tgaggggtac gttatgagaa agtgaaatct gggttttcat	240
ctcttccctc tcaactcttac attttaaact tttctccttc tcaagagttt tcacattctc	300
ctgcaaatat gctc	314

<210> 25378

<211> 202

<212> DNA

<213> Homo sapiens

<400> 25378

aaaacaggat ttgcttagta cacatggaaa gtcacataaa atygcmgca ttttttctag	60
tcagtctggc aaggaacagg attaagggtt ggatatagat gtgggcatct gagtttgagt	120
tttggggcca gtacttccat ctgtgattat tgtttatagg cataacaaag tgaggaggag	180
gccaaaagag aaaatggggg cc	202

<210> 25379

<211> 85

<212> DNA

<213> Homo sapiens

<400> 25379

taaaaaataa atatacaaga aatttarata tggaacttt caambgaagt ttttagcatt	60
catatttctg aagttattaa agctt	85

<210> 25380

<211> 383

<212> DNA

<213> Homo sapiens

<400> 25380

gaggaggggtg tagccagtgc taagtctcgt tgcggctgac ctttctttgg aatgtcgtga	60
gttccatttg tcccagaata cggtcgcgta ccgctgtgac atgagtgtta gggaaggcgg	120
gttgtcacgt ttctacaagc cttccagtca aaagggaac cttgcctaag tcctttagt	180
tgagaaatct ctaagagggt gaagcaaata ctgcacatgc gtgttggtcc tgtgagggaa	240
accagctagt ggagaggagg aggttgaagg aacagaaaaa tgagaagaca actcactgga	300
ggctgaagtg ggaggatcgc ttgagtctgg aagcttgaga ctgcagcaag ctgtgatcgt	360
gacactgcac tccagcctgg gca	383

<210> 25381

<211> 399

<212> DNA

<213> Homo sapiens

<400> 25381

aacaagtctt actagcatag tactgtactg ttaagtctta tgcaggcaat gagtttaa	60
aaatactttt atttacatat taaattatag aatactgatt ccagtatgac tgaactctaa	120
ggattctctt cacacaggta tctacaggag gtgggttata cagatactat tctagatgtg	180
aatctaaac gagtgcgagc tttgttgggc ttttcaagtg atgtcacgga cagggaagat	240

gacaaaaatc aggactcagt tgtaaatggc acagaggctg aagttaaaga gacagcaatg 300
attgcaaaat ctgagttaac agattctgcc tccgtgctgg ataatttcaa attccttgaa 360
agtgcagctg cagatttcag tgatgaagat gaagatgat 399

<210> 25382
<211> 218
<212> DNA
<213> Homo sapiens

<400> 25382
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tttgcatcc caccgcgaat gacttgagag ttctatggc tctgcaccct tgccagcatc 120
tgctgtggc agtgtgttg attttggcca ttttcatagg tggatatctg tgtttgtttt 180
aattcacagt tccctagtga ttcataatgt ggagctgt 218

<210> 25383
<211> 500
<212> DNA
<213> Homo sapiens

<400> 25383
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gaaagtttct tgttcatact caaatagtag ttattttgaa gatattcaaa cttatattga 120
agaagtgact ttagttctct ttgttttaag cttctttcat gtattcaaat cagcattttt 180
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aaagcatcgg actgaaccaa ctttggaat aatttatttt tataatgggm wcatgttaaa 420
gtagaagtag ctttttatgc aaatacatgc atttatgcaa tattaatgta agggctctaa 480
aacaatggag tagagccaga 500

<210> 25384
<211> 464
<212> DNA
<213> Homo sapiens

<400> 25384
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gcctctccag agagacaaga tggatgaagg actgagcctg atgaaggat gtatagagag 120
ttttaaaaag gaggtgtga ggccaggcac ggtggctcat gcctgtaatt ccagcacttt 180
gggatgctga ggcgggcgga tcacaaggct aggaatttga gaccagcctg gccaacatgg 240
tgaaatcccg tctctactaa aaatacaaaa attagccggg gtgtggtggc tgtggtaaaa 300
ggtatttgag gagaaaaaag aaaaaaagg aggtgggca cagtgggtcc tgctgtaat 360
cccagcactt tgggaggccg aggcaggagg atggcttgag cccaggagtt caagaccagc 420
ctggcgagac ctcaactcta ctaaagmttt aaaaattagc gcgc 464

<210> 25385
<211> 507
<212> DNA
<213> Homo sapiens

<400> 25385
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ttattttcct atcatttact taccatggga acttaggcat tttgaacttt aatagttatt 120

ttactcatga gccaggctgg agtgcagt

388

<210> 25390

<211> 416

<212> DNA

<213> Homo sapiens

<400> 25390

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tctagatcac agtgaagctt taatatggkk ggatatttgt cccagcccaa atcccatgct	180
gaattgaaac ccctagtgtt ggaggtgggg cctggtggaa ggtgtttgga tcatgaggac	240
acatctctga tgaatggcct agctcatcct cttagtgtat atgagtgagt yctcacaaga	300
tctggttgta aagtgtgccc caccacsgcc attctttctc ttgttcctgt tttcttcatg	360
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<210> 25391

<211> 96

<212> DNA

<213> Homo sapiens

<400> 25391

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ttttagtctg ttccatcaat ctacctttct tttttt	96

<210> 25392

<211> 158

<212> DNA

<213> Homo sapiens

<400> 25392

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ggctctacct cttgggagct gttttaacct ttatttacgg agtgcctasc atatgctgga	120
cagtgtgctg ggcattagga atagagtgkw gggcgcaa	158

<210> 25393

<211> 227

<212> DNA

<213> Homo sapiens

<400> 25393

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tcttcatctc cttttgagat aacacttatt tgaggattga aggaaatgtt tgtaaaatat	120
ttattacatt tttagcacat agatgtaaag aaatagatat tacatattct tatttgtatg	180
gtcagtgaaa gcaaaagaga tgagaatgga gagattgatg tgagcgg	227

<210> 25394

<211> 307

<212> DNA

<213> Homo sapiens

<400> 25394

maaggtcttt tsagggaata tctcagtatt ctttttttc cagcttcctt agtcatgggc	60
atgcattgaa gagactgggt gtacccttgg ctggagaggc tgatggaagg ccagagttat	120

tggtgggcca ctgagcagcc ctctctctct atttagtcac cctgcttgga gtatctgact 180
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 cggasrk 307

<210> 25395
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 <212> DNA
 <213> Homo sapiens

<400> 25395
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 ttgtcaagtt agtgtattgt tgctgacaag attttttctt t 101

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 <211> 198
 <212> DNA
 <213> Homo sapiens

<400> 25396
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 agtgcataag agggcccc 198

<210> 25397
 <211> 130
 <212> DNA
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<400> 25397
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 tagcctctc 130

<210> 25398
 <211> 254
 <212> DNA
 <213> Homo sapiens

<400> 25398
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 ttagattcca ggggtacat gtgcagggtt gttacatggg taaattgcga gtcgcagggg 180
 gtttgttgta tagattattt tgtgaccag gtaatgagca tagtacctga caggtagttt 240
 ttgatctcca cgcc 254

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 <211> 345
 <212> DNA
 <213> Homo sapiens

<400> 25399
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aatgagaaca	aagttacaac	atactagagc	ctctggacac	agctaagaca	atgttaggag	180
ggaaatttat	agcactaaat	cccacatcaa	aaagtttaga	agaactcaaa	ttaataacct	240
aacatcacaa	ctgaaagaac	tagagaagca	agacaaaacc	ccaaagctag	aggaagacaa	300
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<210> 25400

<211> 243

<212> DNA

<213> Homo sapiens

<400> 25400

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gaatgagcca	acagtttctt	tataataaat	acggtctgca	ataaattatt	tcactagctc	180
taaaaccttt	ccctagattt	tagtagggag	ttggtttctg	ttaatatctt	tgggtgctgt	240
gat						243

<210> 25401

<211> 112

<212> DNA

<213> Homo sapiens

<400> 25401

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<210> 25402

<211> 112

<212> DNA

<213> Homo sapiens

<400> 25402

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<210> 25403

<211> 127

<212> DNA

<213> Homo sapiens

<400> 25403

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<210> 25404

<211> 452

<212> DNA

<213> Homo sapiens

<400> 25404

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ctattgaccc	aaagatgttt	aaaattagcc	ctttttaccc	ctcattaacc	agattgattc	180
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aaatgcttac	aattgtttctc	gaggtatgtg	accctaccaa	catcattatg	cccctttggc	300
cacttcatga	aatgctttctc	tgtagtttgt	tggcataaaa	cctgcaaagg	taacctttgt	360
gcaaaaagag	acctgactac	tgggaacctg	takkaataat	gtcctttctc	attagcagtc	420
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<210> 25405
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 <212> DNA
 <213> Homo sapiens

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ccttgggagg	ctgaggcdng
gagatcgcg	cactgcactc
	cagcctggca
	acagagttag
	actctgtctc
	aaaaaaaa
	60
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	180
	240
	300
	360
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<210> 25406
 <211> 332
 <212> DNA
 <213> Homo sapiens

<400> 25406	
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gctaagtctt	ccagcaagtg
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aaagtaataa	ctcaaagaca
	gtcaccgagg
	gt
	60
	120
	180
	240
	300
	332

<210> 25407
 <211> 268
 <212> DNA
 <213> Homo sapiens

<400> 25407	
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gttatatata	tgtattttacc
tctgttgtaa	cataaccatt
attacagtct	cttatccatt
tgttgagcta	attaaatgtg
	aacctgm
	60
	120
	180
	240
	268

<210> 25408
 <211> 225
 <212> DNA
 <213> Homo sapiens

<400> 25408	
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	tcttttgc
	tttaattaaa
	tttcattatg
	atttcttatg
	60
	120

tgaataatgg attatttcaa attatatattt ttattttcca atgtatgagg ggatctacta 180
gttatcttct tgttaaaaaa attctggcat atactgtctg ttcac 225

<210> 25409
<211> 115
<212> DNA
<213> Homo sapiens

<400> 25409
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agcctgccct gctgtgatgg tggatgatgg tttaggctga agggaacatg gccgt 115

<210> 25410
<211> 203
<212> DNA
<213> Homo sapiens

<400> 25410
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taaaacataa attagtcaat ttggggagct attaaatttt gatgttgccct cagttatttt 120
cattaataac ttttgctaaa atttaccttt taaaagttct gaaatttggg gttggtattg 180
caaatgaat tgaacggggg gca 203

<210> 25411
<211> 316
<212> DNA
<213> Homo sapiens

<400> 25411
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catgtggctc catattgggc agcaaagaga atgtttgcat catcacagaa agctctttca 120
gacagtgtcg ctctagacag cttcaacaat gataggttct ggtaaccata aagttgctat 180
gcatactact catttggaac accagtttct gagaactgaa atagaataaa acacatcttt 240
gcagtataac tatgttgggt gtaactgagt cacctgaaaa agtttggaag ctggggaata 300
acatgtggtg cagggc 316

<210> 25412
<211> 112
<212> DNA
<213> Homo sapiens

<400> 25412
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<210> 25413
<211> 180
<212> DNA
<213> Homo sapiens

<400> 25413
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atccaaaact ggatattaag aactttcccc cttactaagt ttaagacttt tgtcatgtgg 120
tgagtcaaat aagaccattt tgattgtaaa ccataaaata gttcagcaag tagccccaga 180

<210> 25414
<211> 385
<212> DNA
<213> Homo sapiens

<400> 25414
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gtattcaggg attataacct attgattaat aaatggatta tagtaattta ataagggatt 120
agatggagga ataggaaata ctcttattat aaaagggttca tgaaatatcc ataaagcaat 180
ataaggttat tcaaaagcca gcggaggtag ttgcaaataat gattgtaaac tctaggacaa 240
taacaaaaaac aaaattgawa tgaattaaaa ttgatgtact gagaggtgaa agaatcaaat 300
tatattarac atacaatcaa aactagagggc tgagtacagt ggcatatgtc ttgcagtttg 360
ttctgctgaa gtattgvccc ccaac 385

<210> 25415
<211> 275
<212> DNA
<213> Homo sapiens

<400> 25415
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caaagtctga cacaagtag atgctaaaaa cagaataagc cacctctgcc ctttcatttc 120
ttctacttct tctgtgtyaa tgggcaaatg aatggctcca atagaaaggt atggctagcc 180
ctcccagtta atacgttttc aggccaaagc taaaatgaaa ttgggactaa aatgttaaaa 240
tgtttactag aratataaac ttgcattcgc accga 275

<210> 25416
<211> 162
<212> DNA
<213> Homo sapiens

<400> 25416
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aggctcggtta catagttata catgtgcaat gctggccgc tgcacccatc agcctgtcat 120
ttacattagg tatttctccc aatgctattc ctccaccggc cc 162

<210> 25417
<211> 295
<212> DNA
<213> Homo sapiens

<400> 25417
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gaattgcttc cattgtgctc atatttcttc cctcagcaga agtaattgct tttttttgga 120
atgttttgag agaagagaga tctttgagaa agcacctgta gaaactgctt tctctgtatc 180
tgactttaca gctgagagga aaaagtcagc tgatcgtgtc cagattattc catgtaaaaa 240
cagaaacacg tagccttggt ctgggcaatt gcaacagttc ctaaattggcc ttaca 295

<210> 25418
<211> 167
<212> DNA
<213> Homo sapiens

<400> 25418
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 caaacacaaa taaatatatt atttaaaatt ctggaagtaa tataaaaggg awaatatatt 120
 tataagadag ggataaakgt aatakagccc ttctgcccc caccaca 167

<210> 25419
 <211> 164
 <212> DNA
 <213> Homo sapiens

<400> 25419
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 aggcacaaaga atagcttgaa ccgggasmgt gmsgatgcag tgagccgaka tcgcgcccct 120
 gcactccagc ctgggcgaca gagactccgt caaaaaaaaaaaaa 164

<210> 25420
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 <212> DNA
 <213> Homo sapiens

<400> 25420
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 tttaaatgaa aatgtggaat gttaagttac aaaagacttt tcatcagaaa atttcaaaca 120
 aagtaaacad ggcgct 136

<210> 25421
 <211> 313
 <212> DNA
 <213> Homo sapiens

<400> 25421
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 ttcaaataaa agtttgcttg cagaacctgg caaaatgacc cattatgaga gtttagatgt 180
 ttttaatttta tgtgtccca gctactctgg agtctgaggt gggaggatca cttgaggcag 240
 aggttgaggt aagctgagat tacactactg cactccagcc catgtgacag aggaatgaga 300
 gccagtctca aaa 313

<210> 25422
 <211> 136
 <212> DNA
 <213> Homo sapiens

<400> 25422
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 gtgacttcag tttattatct tcttggtgac ctactttagt atgtgttctg tagcgattca 120
 tattagttaa gggatc 136

<210> 25423
 <211> 311
 <212> DNA
 <213> Homo sapiens

<400> 25423

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tggtgttcca gacctcactt caacttcttg gtctctgaac tggtttttagc tagcatgcat	120
gagagacagt yttcatgtat aatgtttctg ctctgttaact ggaaagtggg ttactttgca	180
taaatgctga tgaaaacttc atgactatga gacttttctt ctgtgtatca agaaaaagct	240
tgctcgttgg caagcaattc acaaggtggg gacagacttg tactttaaca tgtagtccat	300
tcaagcaaac c	311

<210> 25424
 <211> 160
 <212> DNA
 <213> Homo sapiens

<400> 25424	
tgaggaagaa ataaagtggg tggaaataga agtcttggaa atggaaaaat catagctgtt	60
gatataaaaag acacaacaga cttgatgttc tctagactgg aaataattga mgacaaaatt	120
agggaaatag gagctgagac gttccccag cagggcaccg	160

<210> 25425
 <211> 353
 <212> DNA
 <213> Homo sapiens

<400> 25425	
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cctgagtatt aggaggatga agttgccatt cactgcagtg ggaagactga aatgggagca	120
gcaggcttgc gggagaagac tgggaatttg gttttgaacc tgttaactta gagacctgtt	180
gggcacctga gtgaggatac tgaatagttc tggggagaga gctgggcaag ggggatggat	240
ttgggcattg tcagcgtata gatgttattt catcatgaga ctgggtgaga agcacaaggg	300
aactagtaca gttggagaag agatggagtc tgcaaacctg aggtcaggag aaa	353

<210> 25426
 <211> 167
 <212> DNA
 <213> Homo sapiens

<400> 25426	
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tgtgataaag attttatcac ctcatatgga aaacaccggc tgcactggat tcatcagtgt	120
taacttcctt tgaggaagct gccttatagt tttcatcact gggacca	167

<210> 25427
 <211> 145
 <212> DNA
 <213> Homo sapiens

<400> 25427	
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aabatggttt gasargctgt tttagaaccc akgaacaata atcttttggk agtasaskag	120
wagaaaaaca cttataccaa ccgta	145

<210> 25428
 <211> 162
 <212> DNA
 <213> Homo sapiens

<400> 25428
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 aatgtagtgg acatggcttt gtgatttaaa aggtcttcat ttttaaaata tgtccactac 120
 attttttatt gttttattgt tattggagat aatttacaga gc 162

<210> 25429
 <211> 72
 <212> DNA
 <213> Homo sapiens

<400> 25429
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 gccagggatc ca 72

<210> 25430
 <211> 124
 <212> DNA
 <213> Homo sapiens

<400> 25430
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 catattttaga aactctcact ttctaaagct tgacaaggta tattagcatc tgaaacccca 120
 agga 124

<210> 25431
 <211> 331
 <212> DNA
 <213> Homo sapiens

<400> 25431
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 gacccttgga ggagtgtctg gagaagacat ggaagctccg taccctccc tcataccttg 180
 ccctatgcat cttttctggt ttggtgtttc tgagtkgtat cttttatcat aaaagggtta 240
 aactgaagtc cagtgggaca gcagagcaag cccatgatta caggcaatgt ccaccakkca 300
 ttccctgcma cccattccc attaagcgcc a 331

<210> 25432
 <211> 200
 <212> DNA
 <213> Homo sapiens

<400> 25432
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 cattctttgt ttatttgcaa taatttcatg attgtcgtaa ttraactata gcccgagttt 180
 aaagaagaag ccagccaaaa 200

<210> 25433
 <211> 212
 <212> DNA
 <213> Homo sapiens

<400> 25433

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 atctggctgc aaagaagaga acacactgtg tttgagggag gaggaaggag gatcagagtt 180
 taaactcctg ccataatgca gggcacggtg gc 212

<210> 25434

<211> 118

<212> DNA

<213> Homo sapiens

<400> 25434

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<210> 25435

<211> 148

<212> DNA

<213> Homo sapiens

<400> 25435

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 agtagctgag attacaggcg cccgcttc 148

<210> 25436

<211> 140

<212> DNA

<213> Homo sapiens

<400> 25436

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 tagattcttg gtgaaagggtg 140

<210> 25437

<211> 269

<212> DNA

<213> Homo sapiens

<400> 25437

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 atacaggcag cattacttcc atttatttta agagattgga gcacattggt ttgcaccatc 180
 gatagcacat ttgaaagt gagctacagt ttaggataaa gttaacctaa gaaggtttta 240
 aagttaaatg aaatttaaag atgctgaac 269

<210> 25438

<211> 309

<212> DNA

<213> Homo sapiens

<400> 25438

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gtgagagaag	aaaagaaaat	tataacacag	acatcaattc	ctggtacact	gtagatgtaa	120
attcgaaaga	cttaacaata	aagcttctag	aagataacac	cagaaggtat	cttgggtgacc	180
ttaggggtggg	gagagacttc	ttttaaacag	gacacagaaa	acactaacca	tgaagataag	240
gttgaaaatt	tgaactgtgt	taaaattaaa	aactttcagt	catcataaga	caccattaaa	300
gagggtagg						309

<210> 25439

<211> 460

<212> DNA

<213> Homo sapiens

<400> 25439

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gcatctaata	tttgatttga	gaaatactat	ttcattcaga	tttttgtctc	tttgagatc	120
ataaactctt	tctggaaggc	ttagggtttt	cctctgtctt	agatttccct	atcatgtcaa	180
tctccttggg	ttgtgggtctg	ccagtcctgg	aggtttgact	gggagaggag	gtagaggaat	240
aaatgtccaa	ggggccaatg	aaccttgctg	gtatactcca	gttccctacc	ccactgggct	300
ttgggctgcc	taatatttaa	tatcatacca	caggawyaag	gctgttgctg	ctgggttctg	360
tgabnttcca	aggcaatgca	rgtggagact	agcgtgaagt	ttaaagtctc	tccctcagcc	420
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<210> 25440

<211> 126

<212> DNA

<213> Homo sapiens

<400> 25440

cbtttcatcg	ttgatgtgca	gaacaaagta	tgctgcttgg	gaaattataa	acatactttc	60
atttgaaata	ttgggtaata	tcaggagtcc	tttgctttta	tagaagtaga	tctggaattg	120
cTTTT						126

<210> 25441

<211> 184

<212> DNA

<213> Homo sapiens

<400> 25441

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aatatgagaa	aaagaatctg	tacatatact	atgatattac	tagaggaatt	gcctgtttta	120
gtcaaagcca	accttatgtc	ttgtatttct	tgtgtatcat	gtgaagtgtg	tatgtgtgtg	180
ttga						184

<210> 25442

<211> 436

<212> DNA

<213> Homo sapiens

<400> 25442

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tctccttatt	taagaacttt	ttataagaga	actctagttt	ttcaaaattc	tgdttaaaat	120
ggggccacca	gaactggaca	cactcttctg	ttgttcgtta	gtgttcgcct	tagatggccc	180
cacctctctg	tccctctctt	ctagctatgt	atatttcttt	tcaacaskka	agttgttaga	240
ttgctgtcct	tgattgggtt	tctgttttca	gtaggccagt	ccccagctaa	attgggtgac	300
caacttggct	aatgtccagt	tttatctaaa	gtgatgttcc	ctgtttgcac	agatgacttt	360

ttaaaatctc ctgcaaagt gatccccctt agagccctac ctgcatgggt tgaatagcct 420
cagtagccaa tttcac 436

<210> 25443
<211> 64
<212> DNA
<213> Homo sapiens

<400> 25443
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ccca 64

<210> 25444
<211> 250
<212> DNA
<213> Homo sapiens

<400> 25444
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ttttttttaa aaaaaaaact acawtacaag gaatagagtg gycatttgca aaataaaaatt 180
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<210> 25445
<211> 424
<212> DNA
<213> Homo sapiens

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aaccttacta ttctgttaat aactaggatt tattgtgatg cttcctttcc cttttttaat 180
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tttatgatgc cctttwaaa cactttgggt ttaatttgcg gtccttttvc tctttcttaa 360
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ttgc 424

<210> 25446
<211> 330
<212> DNA
<213> Homo sapiens

<400> 25446
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ccatcataaa aaaaagtatc tgaaaacaat ttctcataat ttaaactttc ttttgcttcc 180
ccacacctag gtatgagacc cacaactgac atgggarttg gaaaggbagt gacatbggaa 240
ttggaraggc agtaacatgg gaatgggggt aattttcgtg gctcattcag ttggatgggc 300
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<210> 25447
<211> 101

<212> DNA
<213> Homo sapiens

<400> 25447
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ttttattttac agatacctca aggattcaaa atcaagggat g 101

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<211> 205
<212> DNA
<213> Homo sapiens

<400> 25448
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aatattcatt tttatctgta ccgatgtatg avagacagca caatttattg aaaatgaatc 180
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<210> 25449
<211> 198
<212> DNA
<213> Homo sapiens

<400> 25449
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cagatgatca tactgtcaag gtttgtgtac attactgaaa atttgtattg tataaagctt 180
tttgcatcac gaggctag 198

<210> 25450
<211> 230
<212> DNA
<213> Homo sapiens

<400> 25450
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gaagccataa acatgaggag cactgttact ctccataaaa cagcattatg ctgttgattt 120
tcaaattatc acaaattgctt cttggaatgt acttttccat ggattagtgt gttttatgtt 180
gaaagtgcac tttttttcat cagcgagttt gcttttaaaa tcaggtagaa 230

<210> 25451
<211> 138
<212> DNA
<213> Homo sapiens

<400> 25451
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ccatgttaca acttccaacc catggacaca agatgtctgt ccattgattt aggtcttctt 120
gaatctcttc gagcattc 138

<210> 25452
<211> 181
<212> DNA
<213> Homo sapiens

<400> 25452
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actctgctgg ccagggtggg gcaaaccagg aaggcttggt ccgaagcaat tgcattgatt 120
gtctagatag aaccaatgtg atccagagtt tgtagctcg tcgttcactt caggcccat 180
t 181

<210> 25453
<211> 469
<212> DNA
<213> Homo sapiens

<400> 25453
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<211> 207
<212> DNA
<213> Homo sapiens

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taaattttga tgaaatcagc ttacctattt ttttcttttg tcatttatgc ttttgatgtc 180
atatttaaga ctttgtgtgg cccggtg 207

<210> 25455
<211> 158
<212> DNA
<213> Homo sapiens

<400> 25455
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taaagatgac ctgcttacag gttctctgag gcagacct 158

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<212> DNA
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<400> 25456
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caaagagctt gaagacatgc acagctcaca ggccccgggt ggaggctggc gacatcagac 180
agacagaacc aagacatctg aggagc 206

<210> 25457
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 <212> DNA
 <213> Homo sapiens

<400> 25457
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 aatccagaat aactctgaag aagccgagta acaggcatga agtgaagaga aatcgctgta 180
 acaggaagac agcaaagcag atgctaataga ccacacagt 219

<210> 25458
 <211> 280
 <212> DNA
 <213> Homo sapiens

<400> 25458
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 tcttatcata atgttcttgc acttgaaaaga atgtgcattc tgcagttgtg tgcaggtggt 180
 atgtgtatgtt caactgggtc aagtttggtta atcaggttgg tcaaattatc tacatcttta 240
 ctgatatttt tgtctgtttt tctataaatt actgagagag 280

<210> 25459
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 <212> DNA
 <213> Homo sapiens

<400> 25459
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 aatgttttag cttccacata caaatgagaa catgcaatat ttgttttcct atacctggct 120
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<210> 25460
 <211> 266
 <212> DNA
 <213> Homo sapiens

<400> 25460
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 ttgwkgtwgt tgttctgtca rgacataac acagctatar gttcataaaa gacagtaact 180
 gtaagggtttt gacaggggaa gaactatgaa aaaatgtgct ttcaaaactt gaatacacca 240
 tatacaaagt agaaatgcct ggtgcc 266

<210> 25461
 <211> 246
 <212> DNA
 <213> Homo sapiens

<400> 25461
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 ttggcagatg aatattgcta attggtgcag tttcttcggt gcaggaaaga gtttccaatc 180

agaccggcaa ttcacgccc acatgaagac tcagcctgcc tgcacccagg tgaataaac 240
agcact 246

<210> 25462
<211> 331
<212> DNA
<213> Homo sapiens

<400> 25462
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gcccatatcc tgccacttta ctgaatttgt ttaatcagtt ctaatagttt tttggtggaa 180
tctagggttt tccaaatata agattatata gtctgcaaac aaggatcatt taacatcttc 240
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tttaatatcc caataaagct ttcaatacaa t 331

<210> 25463
<211> 448
<212> DNA
<213> Homo sapiens

<400> 25463
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gccactctt ttgccacctt tttgggggtc caaaaagtac aaggcgagat cgacgtgtgt 360
tcattcccat ccattggtatt aatcndttat tcatttaaaa aaatctgcta acggaatat 420
ttccaktcag ctcatatc aattgtga 448

<210> 25464
<211> 129
<212> DNA
<213> Homo sapiens

<400> 25464
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atacaatttt gagctaagca ctcaagggtg atactttaca ttttaaagct ggaatcagca 120
acagcccgc 129

<210> 25465
<211> 420
<212> DNA
<213> Homo sapiens

<400> 25465
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tgaggagcca aatgttaata gccaaagaca tggggaaaat gtctccaagg catgtcagaa 180
acctactggg aagcttctcc cgtcacaggc ctggaggcct aagagggaaa aatgggtttg 240
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gccactccag ccttagcagt ggctaaaagg ggccaaggta tggcttagca ttgcttcaga 360
gggtgcaagc cccaagcctt ggcagtttcc acatggtgtt gggcctgtgg atgcacagaa 420

<210> 25466
 <211> 138
 <212> DNA
 <213> Homo sapiens

<400> 25466
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<210> 25467
 <211> 400
 <212> DNA
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<400> 25467
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 atccatacaa tatgtatgca aagtaagttg attacaaaga gaaatttcag atcttgcaaa 180
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 agatattgac ttgataggca ttaragagaa atattaggac cttttaggga ttaagggaag 360
 tctttagtga aaagagatgc tctaaatatt ttggggaaaa 400

<210> 25468
 <211> 292
 <212> DNA
 <213> Homo sapiens

<400> 25468
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 caactctttg ttgtgttaaa gagaaataaa tatataaaag cctaaaagta agctttcaat 180
 tctttatgtc tggcaaaatt gtcagtacaa tgtgccttga ggatataatcc atgggtgctgt 240
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<210> 25469
 <211> 257
 <212> DNA
 <213> Homo sapiens

<400> 25469
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 ggttccatgg tgatgctagt atctttgagc ttccatttcc ttgtctgaaa aataaagtaa 180
 ttccactatc ttaaggttct gacataatga ataaatgaaa taatgcaagt tattatctca 240
 tttagcacia tgcccgg 257

<210> 25470
 <211> 141
 <212> DNA
 <213> Homo sapiens

<400> 25470

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tctttcattc cttccttctt ctgtttcttt ctttcttctt ttcatttttt tttyctttttw	120
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<210> 25471

<211> 389

<212> DNA

<213> Homo sapiens

<400> 25471

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ctcaaaaaag aaaattaagt tgttgctttt ttttctccct tgacaggta atctgtgtat	180
tagaaatgga gacttaattt accaactcta gaatgggtatt aagaatctaa gttcaggagt	240
aagccactgc tctgtctctt ggccattctg agacctgtgc ataagtaatt tatgtataag	300
gcatagtttg agagactgga gcaattattt agaatatgaa gacgttctaa atttgtgcta	360
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<210> 25472

<211> 193

<212> DNA

<213> Homo sapiens

<400> 25472

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tttttaaaat tttttgtaga gatggagttt ctgtatgttg cccaggctgg ccttgaactc	180
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<210> 25473

<211> 234

<212> DNA

<213> Homo sapiens

<400> 25473

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tataaaacca gagatgacat atctgtaaac agagcttgag aaatgaacaa ggcccagtgg	120
aagcagaaaa tttgatgaga ttagattttt tttttwagc ttctttgkgt accacagatt	180
yctattgwag tyckggactc tgyccctga ggattatcat aaagaagggg ggcc	234

<210> 25474

<211> 157

<212> DNA

<213> Homo sapiens

<400> 25474

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caaacaaggc gcttggttgg cgcgggcgcc tggctgcctt cctcgtggtg gggccttcgg	120
agcaatcgtc ctggttctgg cgatggttga gacgccc	157

<210> 25475

<211> 104

<212> DNA

<213> Homo sapiens

<400> 25475

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<210> 25476

<211> 439

<212> DNA

<213> Homo sapiens

<400> 25476

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gagcttaata	ttaaacaatgt	cttgattttac	ataaataatt	accattaaaa	ctatcacctc	180
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aatcagttga	gctcaggagt	tggagatcag	cctgggcaac	atggtgaaac	cccgtcttta	300
ctaararrat	acaaaaatta	gccaggcgtg	gtggcgcatg	gctgtagact	cagccactca	360
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<210> 25477

<211> 118

<212> DNA

<213> Homo sapiens

<400> 25477

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tgaagcagca	tataacagca	tattcttcaa	tataatat	ttgtgtgtgt	dcccccaa	118

<210> 25478

<211> 275

<212> DNA

<213> Homo sapiens

<400> 25478

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aaatgcgctg	cgtatctcat	tcactcactt	cagctaata	ttccgacttg	gcagacgcta	180
aactcatgga	ggttcggttt	ctcctgatac	aaaccaaaatg	gctacctgga	agaatttctt	240
tcaagcaaca	gttatttttc	ttatcttcag	ggtat			275

<210> 25479

<211> 176

<212> DNA

<213> Homo sapiens

<400> 25479

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tgaagagagt	aaccttgggc	tggtggagag	cagcgtgggg	gactcgaggc	tccccctggg	120
cttgagaaac	ctcgaggagg	aggctggagt	gcaggatgcc	ttgaacatca	gagcgg	176

<210> 25480

<211> 436

004220" 66667560

<212> DNA

<213> Homo sapiens

<400> 25480

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<210> 25481

<211> 241

<212> DNA

<213> Homo sapiens

<400> 25481

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ttcagccctt	ccargctggt	gatcaagcgg	atgaccatcg	gaccgttatg	agaccacatg	180
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t						241

<210> 25482

<211> 124

<212> DNA

<213> Homo sapiens

<400> 25482

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agaa						124

<210> 25483

<211> 132

<212> DNA

<213> Homo sapiens

<400> 25483

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ggtgggattt	tctcctagtt	gaatctgata	cacaattctg	gcttctaggt	tgcggctccc	120
gagnkrgtgg	ca					132

<210> 25484

<211> 293

<212> DNA

<213> Homo sapiens

<400> 25484

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aatcaatctc	ctcaaacac	catgcaaagg	cgtatccatg	gcaacctcaa	aaggaaggac	180

acagagatga tgcttcagtg gctgcagcag gaaaagctct tcgcctctcg gtaccttaag 240
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<210> 25485
<211> 376
<212> DNA
<213> Homo sapiens

<400> 25485
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gacttgtagg tggcta 376

<210> 25486
<211> 167
<212> DNA
<213> Homo sapiens

<400> 25486
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ccaaaaaag tctattgggt ttttaagtcta cattttaagt aacaagttaa tgggcagttg 120
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<210> 25487
<211> 244
<212> DNA
<213> Homo sapiens

<400> 25487
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kacttaacag acaacagata ctttgcatca tacttaacag acaacaggtg attgttaagt 180
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gcac 244

<210> 25488
<211> 98
<212> DNA
<213> Homo sapiens

<400> 25488
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<210> 25489
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<212> DNA
<213> Homo sapiens

<400> 25489

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aagcatagca agagtgactt ttactccaat tcccaatagg ttctcatct ccattctgaga 120
cctcctcagc ttggacttca ttgtccatat cactgtcagc attttggtca aaaccattca 180
aaaagcctct aggaagttca tcttcctttc ttcttcctag ccctttaacc tgttcaaact 240
tcggcccat acccatttcc aaagctgcct ccac 274

<210> 25490
<211> 327
<212> DNA
<213> Homo sapiens

<400> 25490
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gaaaacttcc tgagacctcc ccagaagsra atgttgccat gcttcctgga aagcctacag 120
aaccatgagc caattaagcc tcttttcttt ataaattacc cagtctcagg tatttcttta 180
tagccgaata ataattggcct aagacagaaa atgtcacaaa accaaacaag caaacaaca 240
acgagcacat cactgtrata atgatctcct cactcttctg aacttttaag tttcctcttc 300
ttggagggtta ctgtcttcac cagacgc 327

<210> 25491
<211> 208
<212> DNA
<213> Homo sapiens

<400> 25491
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taaatttatt taccaacatc tattgtcaac atgtacatct accttagtat ggtctgcatt 120
ctttttctga gagtacctca tagggctcct gcctgatctt ttagtattgt tcattcatcc 180
atccacctgt tcatttgttc acccatgt 208

<210> 25492
<211> 171
<212> DNA
<213> Homo sapiens

<400> 25492
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aaccacaggt taggtgagag tgaatacaac agacgacaag gatgatgagg g 171

<210> 25493
<211> 167
<212> DNA
<213> Homo sapiens

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tgctaagcct ctgttttctc atatgtcaaa tgggtgataat aatgcctacc tcccagaggt 120
gttgtaagaa ttataagcac aaatgtatgt aaagtgcctg gcaccgg 167

<210> 25494
<211> 177
<212> DNA
<213> Homo sapiens

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 tcttgccatt tgcattgatga ctttaccaca gcagttagaa gaagagttca cagaagc 177

<210> 25495
 <211> 152
 <212> DNA
 <213> Homo sapiens

<400> 25495
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 cmwgggttctc agaaatctgg gtttggtggw htctgtcttt atagatactt gtacacatca 120
 caaaatcacc aaatttgggg aaatgccaga cc 152

<210> 25496
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 <212> DNA
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 aaccctgtta gcaatattct tttgaaaaaa gtgccagtcc ttatgtgata aactaagaag 120
 cccattgaat ataaaagtgt gtaggactga aacagtgacc ttatattatt gctaagggaa 180
 tatgagatta acttcctaca agggccct 208

<210> 25497
 <211> 114
 <212> DNA
 <213> Homo sapiens

<400> 25497
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 attgtgccac tgcacccak cctaggtgac agagtgakac tccatctcaa aaaa 114

<210> 25498
 <211> 238
 <212> DNA
 <213> Homo sapiens

<400> 25498
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 gtcaggatgg tctcaatctc ttgacctcgt gatccaccgg ccttggcctc ccaaagtgt 180
 gggattacat gcgtgagcca ccgcacctgg ccaagactgt cttaaaaaaa aaaaaatt 238

<210> 25499
 <211> 172
 <212> DNA
 <213> Homo sapiens

<400> 25499
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tggccatttt ttgtttggga ttttttgttt ttcaagggttt ttcatttttg tttattaggt 120
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<210> 25500

<211> 235

<212> DNA

<213> Homo sapiens

<400> 25500

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 aaatatcaat ctcacattca aaaaactagc ttcaacttag tgcttggaact taaaactaag 180
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<210> 25501

<211> 196

<212> DNA

<213> Homo sapiens

<400> 25501

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 gtagtactcc ttgagcagcc cgggagagcg caccaggatc tcgcctgct cggacagctt 180
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<210> 25502

<211> 472

<212> DNA

<213> Homo sapiens

<400> 25502

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 tatttggtca tgcatttttt tgatgataat atttatatta acagtgaaaa atgcacaact 180
 cttaaggat caccatgataa gctttgataa atgcctctat ctgtgcaacc caaacctctg 240
 tcaactatag aacaaaaagt tttattacct aattaattcc ctggtgttgt tttccaatca 300
 tccaacaca taccctctcg caagtgatca cagttctgat gttttctcac tgtagattag 360
 ttttgckttt tctggaacct catataaatg ggataatcag katgactctc ccttttgtgt 420
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<210> 25503

<211> 338

<212> DNA

<213> Homo sapiens

<400> 25503

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 atgtgggtct tagcatttgc catgattgat taaaacaatg gcttgatagg agggttggtg 180
 cctccagatg ataaaacaac aaaagcacc ataccagcag taagatcagc asgctgagca 240
 tggcggctca tgctgtaat cccagcactt tgggaggccg aagcaggtgc attgcttgag 300
 ctccaggcatt cgggaccagc ctgggcaaca tggtaaaa 338

<210> 25504

<211> 142
<212> DNA
<213> Homo sapiens

<400> 25504
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ttcagctcta actctaggat atttgggtga tatctatgcc tctttttggt ctgtcagcct 120
ataaaagaaa taagaaggag at 142

<210> 25505
<211> 187
<212> DNA
<213> Homo sapiens

<400> 25505
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gagctctcaa agaaactgaa ggaggctgtc cagataccac ttccattgaa gatgcagttc 120
atgtgtctctt aaaaactcgg cgcattctca agtgttctta tccatatgga tttttcttgg 180
aaccctg 187

<210> 25506
<211> 346
<212> DNA
<213> Homo sapiens

<400> 25506
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acatttaaag gtgtaaatta ccaaaaacgt ttggtggata gccacacta ctttgcctct 120
agttgtacca aattttctta ccattaaaag gactgtgaat tggagaatca agaggcacat 180
gagcaagatg gaaatgatga actaaaggac tctgaagaat ttggtgaaaa tgaagaagaa 240
aatgtgcatt ccaaggagtt actctctgca gaagaaaaca agagagctca tgaattaata 300
gaggcagaag gaatagamga tatagmaama gaggacatcg aagtca 346

<210> 25507
<211> 134
<212> DNA
<213> Homo sapiens

<400> 25507
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atgtgtgtgt gctgtaccba ttaactcgtc atttagcatt gggatatatc cctaattgcta 120
tccctccccc cgct 134

<210> 25508
<211> 94
<212> DNA
<213> Homo sapiens

<400> 25508
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attcattatc tccaaaaatg tcatcatgcc cctk 94

<210> 25509
<211> 205

<212> DNA

<213> Homo sapiens

<400> 25509

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attcattttagct gtccctaaaa tacagttata ccatcattgt tcctgtctta	120
ctgaaatagt ttttttagta tagaaagaat atttgaataa actagaatag aggtaactta	180
acatatctac atatgaagga acaga	205

<210> 25510

<211> 190

<212> DNA

<213> Homo sapiens

<400> 25510

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gantgcaaca ctacacaaca caccagcac aacacactca gctcttaagg	180
ctgacacagg	190

<210> 25511

<211> 374

<212> DNA

<213> Homo sapiens

<400> 25511

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ttcaaaaatg gtgttatgat acttatttta aaatgaagat tgcttttcat	120
ttccattaag	
ttgctaaaaat agatagatgt gatctgcaga agttgttttag tcttcatctg	180
aatttcaggc	
tgggagggag caatataact aaggacaaaa aatgttttgt ttttcttg	240
tggttatgat	
cacctaatct caggttttgt gaaatggaca gtaacctgtt tcctgaaaga	300
ttcctgtggg	
tactttttga gctgtgataa tagcaaaatt gtttttcggt aataatatca	360
cactaatgct	
tcttttaaac attt	374

<210> 25512

<211> 123

<212> DNA

<213> Homo sapiens

<400> 25512

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catatggaca gagagattgg gatgatagac actggagact ccaagaggag	120
aatggaaggg	
gga	123

<210> 25513

<211> 359

<212> DNA

<213> Homo sapiens

<400> 25513

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aaaataagga aaaagtattc ccataagagc tataaactgc tcacctatt	120
ttt aaaataaatt	
acttcttcag agctgcctta aaagggttaatt ttatttttaaa catataagaa	180
tttcctagcc	
aaaagggtt tgtactataa gaaatacatt ttacatatta agaatagaaa	240
tgtagtatga	

ggctcaactg tcttagacaa ctgatcacac atccgctgtc atatctccta cagaccagtc 300
tcaattttac tccagtytat taaaaataaa taagacatga atgtaataga ttcttggtt 359

<210> 25514
<211> 347
<212> DNA
<213> Homo sapiens

<400> 25514
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tataatctta attcattttt agtctaggct gactaaatct tctgatttgg caaagcagac 120
tttcgggatt gccattgtta tgtttactct ggattttatat ctttaagtga ggctaagtaa 180
cacatttaca taaatcaact cagcattaga ctctaacaca aaattgttta ccgagagaaa 240
agactaattg tattgcttcc tgagatttgc ttccataata tattaaacct caaaggattt 300
aaaaatgtag catgtttctgt tttaaaatta actcttcttg gggtcag 347

<210> 25515
<211> 329
<212> DNA
<213> Homo sapiens

<400> 25515
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gttctagtca gtgacctgtg tcattgttga tggcactcat ttggcacaga tcataataag 180
agatagcata tgatatttgt gtgaccaaag tgagatgtaa cctaataaaa aaaaaacaga 240
gttactatct ctgttgcagg cattttttta tctcctaact accagtaaac ttttctgcag 300
tctttggtgt gtaattgaaa tattagagg 329

<210> 25516
<211> 311
<212> DNA
<213> Homo sapiens

<400> 25516
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ttattacacc tgcaaaagta ctctattgta taggtagacc atagtttatt taacatcttt 120
ccaatgtgag actttttaaa aaaatatggt gcagttacaa acaatactac aatgaaaatt 180
ttgtgcatgt gtattaatgt tggaagtata ttttcagggt aagtagttag aaatggaagg 240
actgggtcaa gagatcaaca aatatgtagt tttgttgggt gttgtcaaat tcatctccaa 300
aagggttcaa t 311

<210> 25517
<211> 284
<212> DNA
<213> Homo sapiens

<400> 25517
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acaattgggt acatagtgtg agacacaaaa ctgtggcagt gtacctcagt ctgcaatggc 120
tgatgtttat ggggtgctgaa aattcatctt taccctgcc ctgccccgct acctttttt 180
tttctgtagg aaaatgtctc aagttttaaa ttatgtaaag ctttcagcac tagcatcttt 240
tgtataaaaa aagatgattg gattwagatt atcttccctc ccca 284

<210> 25518
 <211> 85
 <212> DNA
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<400> 25518
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 gaatgttctt cacagatccc tcaaa 85

<210> 25519
 <211> 68
 <212> DNA
 <213> Homo sapiens

<400> 25519
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 accggggag 68

<210> 25520
 <211> 204
 <212> DNA
 <213> Homo sapiens

<400> 25520
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 cttgagtact tactatattc ctgttaatat tgctaggtgt tgaggataca ctagtgagcc 180
 aaaacagata cggtccttgc cctc 204

<210> 25521
 <211> 406
 <212> DNA
 <213> Homo sapiens

<400> 25521
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 aaacagcgac gcgggaaatc gatttgtcac aaaggagag gtgtaaacgc agcgcaaagg 180
 aattgcttgc ccaatctacc agccacactc tctcgggacc ttgccccgcc aacttctctt 240
 cgccagagam acgcccagga gagcggggaa attttctagg gcgctcccaa gttggaattc 300
 tcatcasagt aatatcagct tctagagtct cagcttttgc aacaaccctg gcgccagaaa 360
 ttttcttatg cagcaccatc ctgggactct ggggccact ggagc 406

<210> 25522
 <211> 226
 <212> DNA
 <213> Homo sapiens

<400> 25522
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 tatatgtasa caattgcaca ttgatttgag gctttttttg ccactacaac ctccgcctcc 120
 cgtgttcaag caattctctg cctcagcctc ccgagtagct gggattacgg gcacccgcca 180
 ccacgcccg ctaatatctt tttgtgtttt tagtagagac gggata 226

<210> 25523
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 <212> DNA
 <213> Homo sapiens

<400> 25523
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 tattgcaact agtctggaat cctgtgggaa gattacctat gaagattaca aactgaagaa 180
 ggatgcaaat ggaaagaatt ttatgaaaga ttgaaacata attctaaatt tcagaatttc 240
 tggggtcaga agtaaagagt actaccg 267

<210> 25524
 <211> 163
 <212> DNA
 <213> Homo sapiens

<400> 25524
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 gcctcccagag tagccgggat tacaggcatg cgccaccacg ccc 163

<210> 25525
 <211> 439
 <212> DNA
 <213> Homo sapiens

<400> 25525
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<210> 25526
 <211> 71
 <212> DNA
 <213> Homo sapiens

<400> 25526
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 ttttggtttg a 71

<210> 25527
 <211> 160
 <212> DNA
 <213> Homo sapiens

<400> 25527
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arcaagatca agaggatttt ttagtagttt aatagcctga 160

<210> 25528
<211> 145
<212> DNA
<213> Homo sapiens

<400> 25528
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catttatcat gttttccttt atgtystaaa atgatatgag tgtctagatc tggatacctc 120
tgatggtctc ctattaagag gaacc 145

<210> 25529
<211> 158
<212> DNA
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<400> 25529
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gggaggcaga ggttgagctg agctgagatc gtcactgtat tccagcctgg ggcacagaac 120
gagactcctg ctcaaaaaaa aaaaaaaaaa aaaaaaaa 158

<210> 25530
<211> 207
<212> DNA
<213> Homo sapiens

<400> 25530
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tatgtaggag acctggattt cattcctgtt ctcgttatct ctctccctag ggctgcaatg 180
aattaaataa gamataaaat cactagc 207

<210> 25531
<211> 415
<212> DNA
<213> Homo sapiens

<400> 25531
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gaagctaaaa tgtaaacatc ctactgccct atacaaaata gaatactatt atttcatctt 120
tatgctagtt acaagaaaga taatcttaac ctgcagtaac ctacctacag tagatataag 180
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ttttaatgaa gaatttctkt acatagatta attgrktact tcattcattt gtggatttga 360
aatgtaacta gttgcacatt tcctttatgc cagccargta ttgctgtagg agcac 415

<210> 25532
<211> 445
<212> DNA
<213> Homo sapiens

<400> 25532
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tggatttaaa	aagaagattt	ggccgggcat	ggtgcctcag	gcctgcaatc	ccagtacttt	360
gggaggccaa	gtgcctggat	caaagtggaa	cagctgaagc	catatcatgc	tcataaagag	420
gaaatgataa	aaaattaaca	gggca				445

<210> 25533
 <211> 98
 <212> DNA
 <213> Homo sapiens

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gggacagtgg	agaagcagga ggtaaggtct caccgtctcg ctgcgactgc ggcgcggggg	120
cttcaggagc	ttgcagccag acagc	145

<210> 25535
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 <212> DNA
 <213> Homo sapiens

<400> 25535		
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<210> 25536
 <211> 422
 <212> DNA
 <213> Homo sapiens

<400> 25536		
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tttttaaa	ga aatttggtgc atctaagttg aatttttttg tgtaacattg tttatcctaa	180
ctttttactt	agctgtttct cacactgagg taataaaccc ctataaggca gagattattg	240
tattcttggc	atttgcataa tactctacac taaaaacaaa taatgagact gattcttagc	300
tttatctcat	cctttatcct tacaattgat attttgtcwa tttatttayc tkgtatatat	360
ttttatgagt	yccttcagat tttctgaata agaattttaty cttaatttca tgaagcacca	420
ca		422

<210> 25537
 <211> 228

<212> DNA
<213> Homo sapiens

<400> 25537
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 caccaatgca tttcatcctc cataacctta atgcttttac tctcctagtt tggctatctc 180
 tttctaaaaa tacagttccc agaccagcag tattagcatc ggcagcct 228

<210> 25538
 <211> 430
 <212> DNA
 <213> Homo sapiens

<400> 25538
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 taaaacgagg cgggtgggtgc ctgccccctt aagggcgggg cgtccggacg actgtatctg 180
 agccccagac tgccccgagt ttctgtcgca ggctgcgagg aaaggcccct aggctgggtc 240
 tgggtgcttg gcggcgggcg ctccctcccc gctcgtcctc cccggggcca gaggcacctc 300
 ggcttcagtc atgctkdwgc agggnatgga agcacctgac tacgaagtgc tatccgtgcg 360
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 actgtacatc 430

<210> 25539
 <211> 158
 <212> DNA
 <213> Homo sapiens

<400> 25539
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 tacgttccac tttgectccc ccaatcactg cggcggtcct cagtttcagc gtggccgcat 120
 ttggaaaagg ctgaaggtag aaaactctgg aatggttg 158

<210> 25540
 <211> 318
 <212> DNA
 <213> Homo sapiens

<400> 25540
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 aattacccca ctctaattct gggttctgtg ctctcattct ctcaacttaag atctgatgac 180
 tgagacgtct aaacacagtg ttacttttaa tgtttacctt acctgacttc tcaataactt 240
 acctgatgct attgactaca cccttcttga aattcttggt tctggatgtc cttacaacca 300
 ctctgtttt ttgacccc 318

<210> 25541
 <211> 306
 <212> DNA
 <213> Homo sapiens

<400> 25541
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ctgggaattg	ttaagctttg	agctttccag	taagttttct	ccagtagttc	tctttgtcta	180
gtctcctgca	gtttcacctt	atgcatatac	aacttagtat	tcagccaaag	acttaaagga	240
actcttaggg	agacttttcta	gagttatttt	tctgcataaa	tcccttttca	atcgaatcgt	300
gccata						306

<210> 25542

<211> 394

<212> DNA

<213> Homo sapiens

<400> 25542

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ccagtggctt	caaggaattt	gggatctct	ctggcaacaa	attgtgaaac	atgaaatttc	120
tgtctgacttt	aatatatgaa	acctaatect	accccccttt	ttaacaaaaa	gaaactagta	180
catttgtgaa	aattgtgttg	tgttgctccat	tgttgctcta	gttctgacct	agaggtagct	240
ctggagtgat	tttagacctt	ctcactcagt	tgtgtgtagg	tttttttggt	ttgttttgag	300
agagaatttt	tctctcctta	atagaagcat	cctttttaaa	gagaagttgc	cttggtccac	360
acactaagca	gaaaaccaag	ttatcaggac	gagt			394

<210> 25543

<211> 162

<212> DNA

<213> Homo sapiens

<400> 25543

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cttcctgtac	agcctgcaga	actgtgagtc	aaccaaactt	ccttttaaaa	taaattaccc	120
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<210> 25544

<211> 432

<212> DNA

<213> Homo sapiens

<400> 25544

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cttcattggt	tttctttttt	aggtttttgt	gcaatgttaa	gaactttggg	atattattat	180
cgtctctgag	atattcttcc	agactgattc	tatctgatct	tgtgttccat	gtgcctgctg	240
tggctttaca	acccatctgg	gcaggctcga	ccagggcagc	tcaccctaaa	tatcccattt	300
gctctgttgt	aatctgggag	agtcattggt	tttttcaagg	ttcctatttt	atctgagaga	360
gaccaaattg	tttttcatct	gagctacagt	ttgaagactc	tgtttttatt	cttatcaatt	420
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<210> 25545

<211> 208

<212> DNA

<213> Homo sapiens

<400> 25545

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caagaatcgt	ttaacttttg	caataaaaaat	cttgatgttg	actctgaagt	agtaagatgc	180

aacttcaatg tactgggatt gaggcagc

208

<210> 25546

<211> 277

<212> DNA

<213> Homo sapiens

<400> 25546

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ttggcccaca ggtggtggtt tgttgactcc tgctattata gaaagaatga gagtaaaaca	120
aacctttccc atacagtctg atgctcatgg caagagagac gtgaccaaaa gctgccgtgg	180
aagtcacaaa aagaggcact actctcagcc tgggaggatc tgggaggctt cagagaggta	240
atgcttgagc tgcattctga agctgagtgg agaaggc	277

<210> 25547

<211> 395

<212> DNA

<213> Homo sapiens

<400> 25547

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gatgaratac aatataacga ataaaaatctt wctttttgca taaagccaag tctaasgatg	120
caagtvaact tacatgcaaa tataaaggct gtcagactaa tctatataaa tggcttccaw	180
agttccattt cagagaaaaga watgaaggat ttaggggaga caatctttga atcawcakkt	240
taccttcgat tctttgcttc actgacttct kwcagtwtgg caaattgggg ttcacacga	300
tttaaaagwv atgctgccrr agcttgacaw wtgcagtcta agaagrkaat acrrattcta	360
watgcctatg cagttttctg tagttcccag cattc	395

<210> 25548

<211> 289

<212> DNA

<213> Homo sapiens

<400> 25548

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agaacattcc atgctcatag gtaggaagaa tcaatatcgt gaaaatggcc atactgccca	180
aggtaattta tagattcaat gccatcccca tcaacctacc aatgactttc ttcacagaat	240
tggaaaaaac tactttgaag ttcatatgga accaaaaaag agcccaact	289

<210> 25549

<211> 171

<212> DNA

<213> Homo sapiens

<400> 25549

ctgactcttg gagaaatttg agacaggaat gattagagca ggacagagtc cagaaacctc	60
ttacagaagc agcacgttag ggctcagttt cattggattt tctaggctat acattgtgtg	120
agggttctag ttaactattg aataataagt agaatgatgt accaggcact a	171

<210> 25550

<211> 271

<212> DNA

<213> Homo sapiens

<400> 25550

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aatgaatgaa	tgaataaata	aataaagatt	ttaattgaaa	taaaatttat	ataccataaa	120
atttaccaat	ttaaggcata	taattcagtg	gtcttttagta	tattgataga	gttgtcaacc	180
attaccataa	tcaatttttag	aatattttca	ccaccaccta	mwagawwctc	gatacttggt	240
agamstcact	taccattttc	ccctaaccct	a			271

<210> 25551

<211> 422

<212> DNA

<213> Homo sapiens

<400> 25551

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caggagatat	ggggcatcaa	atgccgactg	acactgcaaa	agcccagttg	tctatgaagt		120
atttattgca	ggatggtgtc	tcttcttttag	aacagggaaa	ataggcagga	agcccaattg		180
ctggagtact	tagctagttt	tattctttggt	tttccctttg	ccttcattct	gcaagtatac		240
tagggagcca	tttgagaggg	aaaactatga	aatcttgctt	tttgaaatga	ttctaaaagc		300
ttctatcact	gctttgctct	taagagccaa	agttgtaggc	cttttgaaat	tttaggagag		360
tgagcctata	attkcaagak	accttaaaga	gcaaaatttg	agccacctct	tccaagtgcc		420
ct							422

<210> 25552

<211> 209

<212> DNA

<213> Homo sapiens

<400> 25552

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tcctagggag	ttgcagggtca	aatatctaac	cacttaccag	aaggatgagg	aaaagttgtc	120
ggcttatgta	ctaaggctgg	agcctttggt	acagaagctg	gtacagagag	gagcaattga	180
gagagatgct	gtgaatcagg	cccgcccg				209

<210> 25553

<211> 122

<212> DNA

<213> Homo sapiens

<400> 25553

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tgtttcctgg	ggagtgaat	gcacccctct	cccattgctg	tatatgtatg	tgtgtgtgac	120
gc						122

<210> 25554

<211> 132

<212> DNA

<213> Homo sapiens

<400> 25554

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tccttaagag	aaagccttcc	tgttttgga	acttttcaaa	gccagggact	tgtccagccc	120
aacctcccca	cc					132

<210> 25555

<211> 213

<212> DNA

<213> Homo sapiens

<400> 25555

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ctgca	atatg	accaga	aaaca	aaagt	gatcc	tcggat	atta	tattt	atata	cta	acacaaa	120
aagag	acaag	agctta	catt	ttaat	cctca	tggatt	ggga	gctgt	ccttg	c	ataaatcagc	180
aaatc	ctttt	tctatg	gtat	attac	gacct	cac						213

<210> 25556

<211> 112

<212> DNA

<213> Homo sapiens

<400> 25556

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gctaa	acaag	aactgc	ctcg	agataa	agaa	gatgaa	aaaca	atcgca	gctc	ac		112

<210> 25557

<211> 364

<212> DNA

<213> Homo sapiens

<400> 25557

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tgattt	gtct	agtaac	cagt	catgct	caat	catagt	gatac	aatgtt	tcca	atctag	ttat	120
agtttc	cttt	tttaga	at	tgccca	agat	cattac	cagg	ttcacc	agaa	tgagct	ttgt	180
ctttct	tttg	aaaatc	tgcc	atttct	ctcc	tgtgat	tatt	tcctta	catt	tactga	tcta	240
gtaatg	tcat	tttaaa	attc	catttt	tatact	tactct	ttgt	tgccct	ctgc	attctc	cccta	300
cacggac	ctg	ctttgt	gttc	cttga	acaca	ccaagt	tctt	ctgtac	ctta	gagctt	tta	360
actc												364

<210> 25558

<211> 184

<212> DNA

<213> Homo sapiens

<400> 25558

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tggcact	gag	gttctg	cttt	tgga	cagttt	tctggg	taaa	atggac	ttct	ttctga	cttc	120
ttacc	cttct	tgatca	caag	ctcccc	cagg	aagagac	tgt	cttatt	ttctc	tctga	ccctt	180
gcct												184

<210> 25559

<211> 132

<212> DNA

<213> Homo sapiens

<400> 25559

taaac	at	atc	ttaa	ata	cat	gata	ctg	aaa	gtatg	aggca	gactaa	atta	ttcc	atc	agt	60
attc	aga	ata	ctt	at	ca	aca	gagac	tttt	aggaaa	aaat	acaaa	attat	gaata	caaaa		120
ctagg	gat	ga	gg													132

<210> 25560
 <211> 156
 <212> DNA
 <213> Homo sapiens

<400> 25560
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 aggcagaggc aagcagatcc caaggtcacg agtttgagac cagcccggcc aatgaaactc 120
 cgtctctact aaaaatacaa aaattagcca gacaag 156

<210> 25561
 <211> 179
 <212> DNA
 <213> Homo sapiens

<400> 25561
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 tgttgaatct ctaccgggcc gaaccttggg ccttggtgtc agcgcacggc agggccacag 120
 agactacagc cctgggggttc cagagccggc tctcccggtc tctccagaaa tcccaggcc 179

<210> 25562
 <211> 156
 <212> DNA
 <213> Homo sapiens

<400> 25562
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 actacaggga cccgccacca tgcctagtag agakgcgggt tgcgccatgtt ggccaggrrtg 120
 gtctcgatct cctgatctcg tgatccaccc gccgta 156

<210> 25563
 <211> 394
 <212> DNA
 <213> Homo sapiens

<400> 25563
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 acattcaaat gcctaaccat agcgttcagt gttctcaaca ctgggcctta gtttaaattt 120
 tgggtccagc ttctggcccc tttgcctgtt ggtccctgtt gtatttttagc cgcactcttc 180
 tgtgaagctc ccagtgtgct ttgcacagct ccttgtcttt gctcatgctg tgcccttacc 240
 tggaatgcct ttttccatt ccttggtatt aataaaatct tccaaggccc tacttaaattg 300
 tcctctctga atgaagcctt ccttgattct cccccaccc tccaaatgas ttgctgccgc 360
 ttctgttcat agagcgcttc gtttatatcc ctgc 394

<210> 25564
 <211> 236
 <212> DNA
 <213> Homo sapiens

<400> 25564
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 caagcgaatt ctctgcctc agcctccgga gtagctggga ttacagatgt gctccaccat 180

gccccggctaa tttttgtatt tttagtagag atgggggggt ttcaccatgt tggccg 236

<210> 25565
<211> 302
<212> DNA
<213> Homo sapiens

<400> 25565
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taatcccagc actttgggag gctgaggcgg gtggatcact tgaagtcagg agttcgagac 120
cagcctggcc aacatggcga aaccctgtct ctactaaaaa tacaaaaatt agcccagcat 180
ggttgtgcac gcctgtaatc ccaactactt gggaggcagg agaactcactt gaacttggga 240
ggtggagggt gcagtgcgct gagatcgcg cactgcactc tagcctgggc aacagagtaa 300
ga 302

<210> 25566
<211> 168
<212> DNA
<213> Homo sapiens

<400> 25566
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ttcagcaaga tcatacgact catcggacac taatttatat aggagtgaag tttataaat 120
atttaatat tattttggat tcaaattgta tttacatatc aggaata 168

<210> 25567
<211> 317
<212> DNA
<213> Homo sapiens

<400> 25567
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ccctgagttc tgtgagctgc tcaagcaa ataatggaacc caagaagggg gttgtgtgag 120
ccccgattta tgggtggttg gtcagagcaa atgttaacct gagatttgtg attggcatgg 180
gaagtggggg gcagtcctgt gagactgagc actcagctctg tgggatctga tgctctcttc 240
cagtgtcaga attgaattgg agggcaccta gctggtgttc attgcagaat tgcttgcttg 300
gtgtgtgtgg ggagctt 317

<210> 25568
<211> 354
<212> DNA
<213> Homo sapiens

<400> 25568
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cctggctgta atctcaataa aaggacatct tttaaagtca agctttatga aaaaattact 120
accttgtttt tgtttttctc atgtttttta tttattttga ggagtggggg gttaactgtg 180
ttgctcaggc tggagtgcag tggcatgac acagctcact gcagcttcaa cctcctggac 240
tcaggtgatc ctcccaccac agcctcccaa gtagctggga ctacaggtgt gcaccaccat 300
gcctggctaa ttttttttgt agagatgagg ttttgccttg ttgctcaggc tgggt 354

<210> 25569
<211> 143
<212> DNA

<213> Homo sapiens

<400> 25569

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tgtgctccag cccattttta acattttcag cttgtgtttt catacatcat gcatgarata	120
aacgtttgas tagcacctgc act	143

<210> 25570

<211> 195

<212> DNA

<213> Homo sapiens

<400> 25570

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ctaaccatgat atttaccatt ttaaccattt taaaaggtag attcacagtg ttgtgcagcc	120
attattacta attccagaac attttcacca ccccaaataa aactctgtat ccatgaagca	180
gtcacttccc gttca	195

<210> 25571

<211> 192

<212> DNA

<213> Homo sapiens

<400> 25571

aaatagtctt tacaaataag gaaaacagct cagtttggga agtatcagag atgggattca	60
aaccagatc ctctgggtcca agttgtatgt gcactgaact aatcaggcag gaaaaaagcc	120
cagccactgt ctcacagatt gttttttgta tattgtagca aaatcctgaa acaatgggggt	180
ccttccagtc at	192

<210> 25572

<211> 148

<212> DNA

<213> Homo sapiens

<400> 25572

ttttttcata atttatattt tgtaggttgc atgttgtaat tgtatgaacc atgtctttaa	60
caggataata agaactccaa ttacagaaat ccttaaattc caaagtcagt tatattaaat	120
ataaaaaatct taatttaaac cagtctta	148

<210> 25573

<211> 281

<212> DNA

<213> Homo sapiens

<400> 25573

agctaccatt tattaagcac atactacatg ttaggcgttt tataatttaaat gcttccaaca	60
cctagtgttg tcagcattgt cagagtcact gttttatgga cagaggaagt gaggcacaga	120
gaggggaagt aactctcgca aggttgca gctccccaca agcccggtgtg cataaccacc	180
acgtcacttg atgctaagtc ccgttgatgg gactgaagac cagccagaca ggggagggcg	240
cctcttccag gtgctgggcc tgccccgtcc ccgcagccac a	281

<210> 25574

<211> 428

<212> DNA

<213> Homo sapiens

<400> 25574

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ttttagtagcc	tccaacccat	ctccgatcta	tcttgtttct	atgacttgcc	ttttctggct	120
atttcatata	aatgggatca	tatgacatgt	ggtttctctat	atctgacttt	tttcatttag	180
cataacgttt	ttgaggctca	tccatgttgt	agtactccat	gccatgttgt	gggctacata	240
atattccatt	gtatggatat	accacatfff	gcttatcagt	taatggacat	ttagggtttg	300
tctacttttt	ggcattaata	gtgctgctgt	gaacaatcat	gtacaagtct	ttgtatcaga	360
gccacttttg	ataaaatagt	ttctaaaaca	tttcatcttg	atfffftatwa	ggtgatatgt	420
atgttact						428

<210> 25575

<211> 200

<212> DNA

<213> Homo sapiens

<400> 25575

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taaaatgtgg	ccccactgca	acgaaaaaag	aaaaaatgcc	ctccaaaaag	ttactcaaaf	120
actctcatta	agttgaaaaa	taagaatgga	gaattagcca	ttggattggg	caatgtgaag	180
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<210> 25576

<211> 462

<212> DNA

<213> Homo sapiens

<400> 25576

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attgtcttaa	gcacaaatga	aacctcatgg	aatgtttaat	tactgtctct	acaattaacc	180
ttctctatat	attcaacaag	caaggaatta	ttgagaacta	atacctctga	gacactactc	240
cttagtaggt	ttcaaaccag	gaaggaggca	agttgaatag	agtctaagtt	ttataatcca	300
gatcaacaca	gagaagggtg	ctgctctggg	attgagggtg	ggagtgggtca	gagaaggcct	360
cctggaaaag	ttaggcctgc	tgaatcttca	agaacaagca	gcagcccaag	aggggagggtg	420
agtgaatga	gccaccttcc	tataggtctc	tcctccttcc	at		462

<210> 25577

<211> 108

<212> DNA

<213> Homo sapiens

<400> 25577

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<210> 25578

<211> 130

<212> DNA

<213> Homo sapiens

<400> 25578

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gcagcctcag cctccacccg ccacccgtac ccgccctgcc tcaggacttc gttcctgctg 120
taccctaca 130

<210> 25579
<211> 276
<212> DNA
<213> Homo sapiens

<400> 25579
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ttaacatcct ttattgagac tgaagaactt ccttttgcac ttcttgtagg acatatcttg 180
tggttaatgaa atccctcagc ttttggttgg ctggaaagggt ttttatttct ctttcattgct 240
taaagaatwk tttcactgga tctactattc tgggggt 276

<210> 25580
<211> 146
<212> DNA
<213> Homo sapiens

<400> 25580
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gagttctggg ggatgaattt ggattgccac agatccctgc ttcataagatt tgcattcattc 120
aagcatatct tgtaaaacaa acaccc 146

<210> 25581
<211> 179
<212> DNA
<213> Homo sapiens

<400> 25581
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gggcaccgag tgtcttttatt tgccttcctt gcccggtcc ccacctccag tgatgccgtt 120
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<210> 25582
<211> 437
<212> DNA
<213> Homo sapiens

<400> 25582
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ctgcaccttt tctgtatttc cccttacckr tacttgcttc ctttacttat gtggcttaga 180
tggcctgttc tttaaagtgc atagctttct tgccaacagt ttttcttcct ttctccatt 240
gtctttgttc ttgttgagga aaaatcacat atttctgcac attgctacaa ctctaaaggc 300
atggttttcca attatagttg ggagcctctc aggtgccctg taccttccat gtttctotta 360
cgtagctttt tatttatgtt atttaaaatc tttttcactt tcattaagct gccatattcct 420
cattcagcag attagca 437

<210> 25583
<211> 208
<212> DNA
<213> Homo sapiens

<400> 25583
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 acatatgcat cctatttcag tgctccta atctacttga ctggttgtag agaagaaatt 180
 gagagacttc gaccaaatac gcctcctg 208

<210> 25584
 <211> 184
 <212> DNA
 <213> Homo sapiens

<400> 25584
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 aaaatcataa gcacataaat agaacttacc agggagaaag aaaaacctga aggcacaatt 120
 tcttttctgt tcaaaatgtg aaccaggat gtctctagat gatgatgat gataggtagg 180
 gaga 184

<210> 25585
 <211> 324
 <212> DNA
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<400> 25585
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 attataagca gatggaatgc agtgtaaaac tgtaacaat gctaataaaa ttatgagtca 180
 tcagattggt acagttttcc ctgccaagat ggtcatattg ataattgtaag acaaatttta 240
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 aaatactatt catagaggag tcct 324

<210> 25586
 <211> 233
 <212> DNA
 <213> Homo sapiens

<400> 25586
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 cagatggaca gattgcaaaa attttctccc attctgtagg ttgcccgttc actctgatga 120
 tagtttcatt tgctgtgcag aagctcttta gtttaattgg atcccatttg tcagttttga 180
 cttttgttcc cattactttt ggtgttttag tcatgaagtc tttgcccata cct 233

<210> 25587
 <211> 417
 <212> DNA
 <213> Homo sapiens

<400> 25587
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 cgaaacaagc ctgagcaata gaagtagatg tggaaataac ttcggtttct caaggcaaat 180
 actttgatag gaacaaacaa ccgttttagat atagaagatg tgatacatc ctttaaaaag 240
 aatttgacct tatgtcattg taggcacacc tcatatttca attattcata tagtttttct 300
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<210> 25588
<211> 390
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<213> Homo sapiens

<400> 25588
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ctggctcctgc ccactactgt ccgccactag agttcttttc gctcccaacc ttttcttccc 180
ttcgtgcccc gtgacctcag cctactttca ctgctttatc ccttaaaaaat tagtcacttt 240
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aatcccagca ctttcagagg ccgaggctgg cggatcacst gaggtcagga gttcgagacc 360
agcctggcca acatggcaaa acccctctt 390

<210> 25589
<211> 256
<212> DNA
<213> Homo sapiens

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ctctggacct catctgacca tctgtcacat ggggttcaga cctccctgtc tgcacagtg 180
agaaccaggc aggaactgct gccacaacct caggctgggc accaaacacc cgtgcccgcm 240
aatgcggccc aacccc 256

<210> 25590
<211> 263
<212> DNA
<213> Homo sapiens

<400> 25590
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gggccagggg aacacatacc tagtcctttc aaggggaata cctggaagct tggagagttt 120
atataacttc ctgaagggtca cacagctgtt tagtggcagg gctgattgga tctgaggttt 180
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gcattccaag ttgacactga agc 263

<210> 25591
<211> 120
<212> DNA
<213> Homo sapiens

<400> 25591
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<210> 25592
<211> 321
<212> DNA
<213> Homo sapiens

<400> 25592

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tgagagatta	ttagcaaaaa	ggtagggctc	cagaaagatt	amagttttca	aaaatgtgct	120
ttgtactttt	caaccaccac	tgtagcattt	agacactatc	attcttaact	ggagcagcca	180
gagggttaat	ggtttgtaca	tcttwcttct	ctctcactct	gtaatactar	tttagayttg	240
amagcaaaga	tgccagagta	gagtgcagca	cacatagtta	ctttaaaata	gtttactaaa	300
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<210> 25593

<211> 221

<212> DNA

<213> Homo sapiens

<400> 25593

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tcaaaactta	ccatccaatt	cagcaaagaa	gtggctcaca	tcattgataa	acacatgaaa	180
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<210> 25594

<211> 309

<212> DNA

<213> Homo sapiens

<400> 25594

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gtgtaaccgc	gtaccaaggc	acttcggaaa	tgatggctct	tcattgcctg	cagaattaac	180
catggacatt	ttagtttggg	ttgaaaaaca	tatagccttc	tgccctccagc	cttcccatca	240
ggctagtaaa	armcttgag	aactcagttg	aataaaataa	tttttttttt	tgagacagca	300
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<210> 25595

<211> 191

<212> DNA

<213> Homo sapiens

<400> 25595

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ggaatgggat	tcctgggtca	aatcgtagct	ctatgtttta	cattttgagg	aactgccata	180
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<210> 25596

<211> 135

<212> DNA

<213> Homo sapiens

<400> 25596

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<212> DNA
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7828

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aaggacatga	actcatcctt	ttttatggct	gcatagattt	ccattgtgta	tatgtgccat	240
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<210> 25602

<211> 436

<212> DNA

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cctcaagtga	cagatagtaa	gaaaagcttc	ttgagcaggt	ggaggtcact	gaatccccta	180
ctatgcactt	atcaagattt	tacttacttt	aattttactgg	aaattgattt	tttaaaaaat	240
gactacactg	taacaaggga	agggatctgg	gtttttttgt	tgtwttattc	ttgttttttt	300
aaagtagttc	aaattctgaa	actgtgattt	aaaaattttt	tacagtcaag	cattctgatt	360
ttgaacataa	ctcccttccc	tttctgtgta	acaaagggtc	ctctgttatc	tcttaaattt	420
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<210> 25603

<211> 382

<212> DNA

<213> Homo sapiens

<400> 25603

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gttctgcccc	ccttggcccc	ccaaagtgtc	gggaatgcag	gtgtgatcca	cctccccagc	180
ccagactact	gtctttatgg	tagatttatg	ttggtgacat	ttgccatcat	gggtagataa	240
cacatatgta	tattgccttt	tctactttat	atcaatacaa	ataaaaattgt	ttttagctgt	300
gtggagcttg	tttgccctgct	aagctgytat	tgacagtdcc	tgttatgata	tagtttortat	360
cctacaccaa	catatggcgc	ga				382

<210> 25604

<211> 335

<212> DNA

<213> Homo sapiens

<400> 25604

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cgtctctaca	aaatacacag	aaattagttg	ggcagggtgg	catgcctatg	gtcccaacta	120
ctcgggaggc	tgaggtggga	ggatctcttg	agactgggag	gtagagggtg	cagttagttg	180
ggattgtgcc	actgcactcc	agcctgggtg	acaagcaaga	ccctgtctgt	caatcaatca	240
ataaatgttg	accctttgcc	atattacttt	aatgttcttc	cccccaattat	gaagttttta	300
aagtttaggt	agtaaatattt	ttcttttatg	atggc			335

<210> 25605

<211> 156

<212> DNA

<213> Homo sapiens

<400> 25605

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aattactttt ggaaatttcc tgaataaatg gagtcaggaa tcccagcagt tcttactgtt	120
aaaggacgtg cttgcacacg taaagaaggg cctgtt	156

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<400> 25606	
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gaggctcagg tttttgcaaa tacagtaaca ttgctagggg tcacataact cataagtrwt	120
gctgcaactg aaatttgaac tcatttgaat ttcagcattt ggcttaatag aywctgattt	180
ctgtctaata tgcwkattgt gtgggggttc ccaagaccca cccgtagttc agtgattggc	240
tagaaggact cacatgatcc agcatcagtt gtactaacag ctaggattta ttacagcaca	300
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 <211> 177
 <212> DNA
 <213> Homo sapiens

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agtwaggtat agacaagcca gtnagttaag acaactgagt atgttccact ttgttgagct	120
gtgctaccct agttaatgtg acatttagtgc tggcccaaga aatacagaaa agwkcgg	177

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 <212> DNA
 <213> Homo sapiens

<400> 25608	
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ctcatcatgt tgccakgtg gactccaact cctgggctca agcgatyttc srcctcrrtc	180
tctgagtrdc tgggactaca gatgtgcgcc accataacctg gctattgatc aatttttagt	240
ttaccaaaaca ggcattatgt tctgggtccc attctgtgtc gggttctctt ttcactcggc	300
accatggctt taggatccat syatgctgct ctgtgaacgc cgagttgctt taactgcttg	360
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cctactcccc tccc	434

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 <211> 199
 <212> DNA
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<400> 25609	
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taaatgaaca gacttattga gcatctcccc tgggtagaaaa ctagcataca aaaatatgaa	180
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<210> 25610

<211> 151
 <212> DNA
 <213> Homo sapiens

<400> 25610
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 atttctacta aaaaacaaaa attacccggg c 151

<210> 25611
 <211> 173
 <212> DNA
 <213> Homo sapiens

<400> 25611
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 aagggaaaaa agtatcttta acagctcttt rttgaagcct gtrgtagcac attatgttta 120
 taatttcaca tgtgcacata atctattatg atccaatgca aatacagccc car 173

<210> 25612
 <211> 375
 <212> DNA
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<400> 25612
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<210> 25613
 <211> 113
 <212> DNA
 <213> Homo sapiens

<400> 25613
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<210> 25614
 <211> 108
 <212> DNA
 <213> Homo sapiens

<400> 25614
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<210> 25615
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<213> Homo sapiens

<400> 25615

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ggaagaggtg	gccaaccgcc	ccaggcagca	cagtgtgtgc	tctggacgga	gggacgggaa	120
gtggccagaa	ggggaagtgt	gaggagttcc	cgtccagcct	gtcatcagtc	tccccaggtc	180
ttgaagcggc	ggcgccac					198

<210> 25616

<211> 426

<212> DNA

<213> Homo sapiens

<400> 25616

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tttattattt	tactattttg	atgaatgtgt	agggcagtcg	ttccttggca	ctggggatan	300
ntcattgagc	aaaactaaaa	atatcttccc	tcatggagtt	tatgttatag	taagacatac	360
atgtacctct	ataataacta	ttacgttaga	aggtataaag	tattgtgraa	aatatataga	420
gcata						426

<210> 25617

<211> 352

<212> DNA

<213> Homo sapiens

<400> 25617

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catcccagag	tttccgattg	agtgggcctg	tggcagggtc	ttagattttt	gcattcatac	180
cttcccaggt	gatgatgttg	ccggttcggg	gtctacactt	tgagaaccac	tgcgctaaag	240
gaaagaaaca	caagtagctt	ggggatggtt	tagaaaacag	aattttaaga	ttaataccct	300
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<210> 25618

<211> 365

<212> DNA

<213> Homo sapiens

<400> 25618

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atagcttcat	tgttccagat	gtaacagggt	tgaaagagct	catcgccaag	ttcttgatcc	180
acttgcattc	caggggagtt	ttcttttgag	tagtatgttt	cttgtttgca	tgttcctgtt	240
ctttgtggaa	actatgcatg	gtagcatttt	tgcttgctgt	gttttccata	cttaagaaaa	300
agaggtttca	gttggctgat	agaatatctt	ttatgtagga	caaaactttt	ctgtgaagag	360
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<210> 25619

<211> 280

<212> DNA

<213> Homo sapiens

<400> 25619
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aatttttaaa ggatcagagt catctaatag cacatctggg 280

<210> 25620
<211> 80
<212> DNA
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<400> 25620
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<212> DNA
<213> Homo sapiens

<400> 25621
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ggtgggaggt gattgaatca tgggagcta 149

<210> 25622
<211> 152
<212> DNA
<213> Homo sapiens

<400> 25622
ggtcatgtat tacagatgtt tctaaataaa taatgctttg taatatgaaa ctataatttg 60
aagtcttttt ttgagacag agtttcgccc tgttgccag gctggagtgg aatggcgcca 120
tctctgctca ccacaacctc cgcctcccgg gt 152

<210> 25623
<211> 65
<212> DNA
<213> Homo sapiens

<400> 25623
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gagaa 65

<210> 25624
<211> 289
<212> DNA
<213> Homo sapiens

<400> 25624
agtgactagg ccagggtgtag tggttcatcc ctataatcgc agcactttgg gaggttgagg 60
caggaggatt gcttgagccc gggagcttga gacaagcctg ggcaacatag ggagaccctc 120

gtctctacaa	aaaatataga	aaaaatcggc	tggctgcggt	ggtgcgtgcc	tgtagtccta	180
gctacccagg	agactgaggc	agaaggatcg	cttgagcttc	ggagttaaac	actgcagtga	240
gctgatggca	ccactgcact	acagcatggg	ggcaaagcga	gaccctgag		289

<210> 25625
 <211> 208
 <212> DNA
 <213> Homo sapiens

<400> 25625						
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ccttggtttt	cccaaccttc	tctcatctga	aaaaattaac	ttgattggcc	gggtgagcca	120
ccgtgcctgg	ccaaggctct	ttgtttttga	tcagaggttg	ttaatttggg	ttccctgggc	180
tccaacattt	ccctcacttc	cccctagt				208

<210> 25626
 <211> 100
 <212> DNA
 <213> Homo sapiens

<400> 25626						
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<210> 25627
 <211> 326
 <212> DNA
 <213> Homo sapiens

<400> 25627						
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tacacggaca	caaccctctg	acagtctttc	caaataattaa	aatcatttga	atatgtatgc	120
tgtgatctga	acactgctca	agccatcaag	cagtcttcat	acagtttgca	ttataaaaatc	180
tcattaaatt	ctccaagaaa	aaataagttg	aagaatttta	tttcctgacc	atgcatcccc	240
tggattttctg	agtttctagt	cagattgtag	atgacaatat	aagctgcctt	ccgaaattgt	300
caacatctga	atgttaagtc	cattcc				326

<210> 25628
 <211> 158
 <212> DNA
 <213> Homo sapiens

<400> 25628						
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gcacaatacc	ttccctcaga	agctcagagc	cagggggaga	cagaaatatg	cacaaataact	120
atagcatagt	tgaataanya	aatgtattat	aaagagca			158

<210> 25629
 <211> 289
 <212> DNA
 <213> Homo sapiens

<400> 25629						
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tttaaattggg	atgcttctaa	gttttaaact	tctacaataa	tatatatctt	agattttctag	120
tagaatatatt	atattttat	ttattgagac	ggaatctcat	cccatcacc	aggctgggt	180
gcagtggcgc	aatctcagct	cactgcagcc	tctgcctccc	gggttcaagt	gattctcctg	240
cctcagcctc	ccgagtagct	gggattacag	gcacatgcc	ccacaccgt		289

<210> 25630
 <211> 167
 <212> DNA
 <213> Homo sapiens

<400> 25630	
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aagattggta	tccataaagc
agagatttct	aagcagttag
agaccgc	
	60
	120
	167

<210> 25631
 <211> 324
 <212> DNA
 <213> Homo sapiens

<400> 25631	
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cctgaatatg	tagcvtctcc
tagtagttat	tctctgtgtt
tgctaaagaa	tggwaatgtt
actdaccggw	agwaatgaat
tgcc	
	60
	120
	180
	240
	300
	324

<210> 25632
 <211> 232
 <212> DNA
 <213> Homo sapiens

<400> 25632	
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tratacacag	acaggatagt
ccttgataag	cttgctaaac
tttcagagt	ccctgagaca
cttccagcca	ag
	60
	120
	180
	232

<210> 25633
 <211> 286
 <212> DNA
 <213> Homo sapiens

<400> 25633	
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ggagtagaat	ggcaactaat
aagccagaat	tacggctagc
acctagcatt	tcagcagag
gaccgt	
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	180
	240
	286

<210> 25634
 <211> 193
 <212> DNA

<213> Homo sapiens

<400> 25634

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tagttcttag	ctgaagaatt	atgcttccat	tgatagatcc	tttagaaaca	aacacataat	120
gaatggctaa	agccttataa	aattagctgc	agatggcaca	tatcttgagc	ctaacttaac	180
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<210> 25635

<211> 501

<212> DNA

<213> Homo sapiens

<400> 25635

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agaagggcaa	cttcgtggag	ctgggcgcgc	agttcctcct	ggagtccaat	gctcacttca	180
gcaacctgcc	ggtgaacacc	tccatcagca	gcgtgcagct	gccaccaac	gtgtacaaca	240
aagaccocaga	tattttaaat	ggagtctaca	tgtctgaagc	cttgaatgct	gtcttcgtgg	300
agaacttcca	gagagaccca	acgttgabnc	nggcaatatt	ttggcagtgc	aactggattc	360
ttcagatckn	kcccaggtat	aaaatggaca	cctgatgaga	atggagtcat	tacttttgac	420
tgccgaaacc	gcggctggta	cattcaagct	gctacttctc	ccargacata	gtgattttgg	480
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<210> 25636

<211> 167

<212> DNA

<213> Homo sapiens

<400> 25636

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atccacctgc	ctcggcctct	caaagtgttg	gaattacagg	cgtgagccac	cgtgcctggc	120
aatggcaaat	tttctaaaca	tttttacgcc	atcacaaacc	tgaacc		167

<210> 25637

<211> 141

<212> DNA

<213> Homo sapiens

<400> 25637

tgtaaaattg	aaggattast	gaagtcaacc	taaagcattt	ctgtgtgcta	tggttgggat	60
tacaatgacc	ctaatatctc	gtttcaaagt	cagatttttc	aggtctcttg	acttcttgct	120
cctcctatta	gtttcctgcc	a				141

<210> 25638

<211> 449

<212> DNA

<213> Homo sapiens

<400> 25638

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agcctgatgc	cagtcgacat	ttatgttacc	tcactaatat	cccttgctctg	atttcatgtc	120
tcacaatcag	tgttctgaaa	ctttgcttcc	taagtaaact	accaacagaa	accctgtgca	180
cattgggtcag	ttggtagcaa	attatatatta	tcactatata	ttggcattca	tccacattaa	240

ctgtgttgta gtgattaaca tctcaccatt acttaactct gagaaaatag tgagattaaa 300
 taccagtcta taaggccaaa tgacacacct tggacaaagg taaaatcacc aatataagtg 360
 tkatattttg aatcctgtga aaagctggca agtagccata catacaccaa gatgcttggtg 420
 taccaagggt atactagtct tgtatttga 449

<210> 25639
 <211> 128
 <212> DNA
 <213> Homo sapiens

<400> 25639
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 accatgtc 128

<210> 25640
 <211> 213
 <212> DNA
 <213> Homo sapiens

<400> 25640
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 tttttaaagc tgttatctat gtattatttt ttatatataa atacctttta tgaattggag 180
 aaactctgtg ttgtctctga gatgagagtg gca 213

<210> 25641
 <211> 61
 <212> DNA
 <213> Homo sapiens

<400> 25641
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 a 61

<210> 25642
 <211> 206
 <212> DNA
 <213> Homo sapiens

<400> 25642
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 tcttttgcta tatgaacttt tgacagtttc gcttcaactca ctattttgta agatgaagat 120
 attagagtdt cctccactt ttctctcca catttaccct tcaacttgct aataatgttt 180
 taggttacct ttgcatctc gagggg 206

<210> 25643
 <211> 304
 <212> DNA
 <213> Homo sapiens

<400> 25643
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 gatccgccc ccttggtctc ctagggtgct gggattacag gcgtgagcsr ccgcgcccag 120

cctaattttt gtaacttttt ataatgagac ttacacagtg atttaaatta tatacaggat 180
 gtcagccag cacaaagctg tggtagatt tgggcccaag tctccgactc cagattccaa 240
 accacattaa aaaaaaaaaa tcacctgcag actgcctata gcttwaacag tctctgyctc 300
 cctc 304

<210> 25644
 <211> 190
 <212> DNA
 <213> Homo sapiens

<400> 25644
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 ttataatctgt gagattcatc cgtgttgcat tcttttggtt cactgagtag tccattgtat 120
 ggatatacca tggtttgtag atccgttctc ttactcatga acatttaggt tctttccagt 180
 ttttattttt 190

<210> 25645
 <211> 130
 <212> DNA
 <213> Homo sapiens

<400> 25645
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 gtactgaaag ttttagaaga aaggagagac ataatctgat ctgtgctatt cctgatggca 120
 acatggaagg 130

<210> 25646
 <211> 155
 <212> DNA
 <213> Homo sapiens

<400> 25646
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 tgaggagact tcaaactggt ctccatagtg gctgtactaa tttgcattcc caccacagt 120
 gtgcaagggg tcccctttct ccacatccct gccat 155

<210> 25647
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 <212> DNA
 <213> Homo sapiens

<400> 25647
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 atcaccaagc atggtgaacg cattcttggt gttggaatgg aagagcaatc tatttgctcc 120
 tacttgaaa agattctttc taaaaatatg gaactgatgg aaaagaaact tatggattac 180
 attgatcagc gaatacatga actccaggag cacattgatg ataagattg 229

<210> 25648
 <211> 149
 <212> DNA
 <213> Homo sapiens

<400> 25648
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ttcaggacct cccagccat taacgttcaa ggaaaaacaa tgcctttggt ttgtatataa 120
atctaaaacc acatacagta agccaaacg 149

<210> 25649
<211> 382
<212> DNA
<213> Homo sapiens

<400> 25649
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ccagagcact tattgcttaa agaataacag agttctagag ctggggggtc ttggggccatg 120
ctccgtgtgt ggataaggaa agaaataactg tttctgggac tctcccacag tcacaaagct 180
gttttctactg tggcccctac atctcttaac ttttgctatt actcctatgc tgccttccgg 240
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tgtaaattac agtttacttg ggagagccag attttctctg tgctcttgag ttttttattc 360
attcaagaaa ccttgggchg cg 382

<210> 25650
<211> 220
<212> DNA
<213> Homo sapiens

<400> 25650
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tgaaaacaca tgtgggactg gaaataactaa ttagctgtt tatgggaaca tacagtctgc 120
cacacaatat aattcctatg tcttttgcaa tggctttata attttcaagt atgactgata 180
acttatattt ccctacattg tttttacaaa atagacactc 220

<210> 25651
<211> 233
<212> DNA
<213> Homo sapiens

<400> 25651
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catcaataat ttttttttaa gtattatgat aatgtgtgcc attttttttg ctactctgaa 120
atgttggcag tgtgggaaca atggaaagag cctgggtgtt tgggtcagat aaatgaagat 180
caaactccag ctccagcctc atttgcttga gactttgtgt gtatgggggg agg 233

<210> 25652
<211> 105
<212> DNA
<213> Homo sapiens

<400> 25652
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tctttctgtg cctggcttat ttctcttaac ataatgtcct ctgcc 105

<210> 25653
<211> 246
<212> DNA
<213> Homo sapiens

<400> 25653

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caccgttccc	caaatgtact	atgtagtta	cttttaatat	tccttctttt	tattgccttg	120
gttctctcaa	aaatcagaat	taatggaatg	ttggctatta	caattacgtg	gacatgggta	180
tataatggcc	ttggcgatgc	ccttaataaa	tgaaatctaa	aatgttacat	tttttttgga	240
accbtc						246

<210> 25654
 <211> 78
 <212> DNA
 <213> Homo sapiens

<400> 25654						
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tgtttttggt	tttttttt					78

<210> 25655
 <211> 208
 <212> DNA
 <213> Homo sapiens

<400> 25655						
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ccatcttata	ggattgttgt	sacacttaag	tkattttaatg	tatgtraact	ttatagagta	120
atgcagagct	cctagtaatg	tcttgtgwtg	gctattagaa	tgcatgcttc	aaagaactca	180
aatttcggtt	gttgaactaa	tgcccttc				208

<210> 25656
 <211> 160
 <212> DNA
 <213> Homo sapiens

<400> 25656						
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accgtccagt	cttgggggtg	cttcataaaa	tgagaacttt	gtgatctcct	cttcacagaa	120
tgagatattt	agttattttg	ttgaggagtg	ataccagccg			160

<210> 25657
 <211> 338
 <212> DNA
 <213> Homo sapiens

<400> 25657						
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gacaggggct	ataaaccttg	ctcatgtcct	gaatcctcct	ttataaatat	gtgctgaaag	120
gatggatggg	tgatggatg	aacgaacagt	aatgaatttt	ttatttttct	gtccctcctt	180
gactctctga	ttctaaattg	ctctgccctg	gggtgtggata	ttgactttcc	tgcaagtact	240
aaattgtgcc	catctcttgg	atttaatttt	tgttccctct	tcagactacg	cttcttgctt	300
ccccagacct	cttattatct	gccagtkccc	atgggtat			338

<210> 25658
 <211> 90
 <212> DNA
 <213> Homo sapiens

<400> 25658
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tgtaccaggt agtcattcag gagcgggttg 90

<210> 25659
<211> 160
<212> DNA
<213> Homo sapiens

<400> 25659
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attttggcac tactgcagaa agcagttaac aatgtttaat cctcccttct gaaggctgga 120
agaaatgaag ataatgcccc caagtgtttg acgaakycat 160

<210> 25660
<211> 135
<212> DNA
<213> Homo sapiens

<400> 25660
actgtatctt cttattacga gtttttccat tgtattaact gctttttacaa caacacaaat 60
aacaagttat ttacaaaacc atttagaaat ttctgtacta tgggtcccagt aatgtaaaat 120
atattaatgc ctatt 135

<210> 25661
<211> 374
<212> DNA
<213> Homo sapiens

<400> 25661
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ccacaatcaa gataaaagaa cgtttcaatc actttgaatt ataataaata gtaatatatt 120
gtcccaccaa tgggctgtat caaattgtgt tactaccagc ggtgtttgag agcaactgtt 180
gggttttttg ttcttttgtt taagagatgg gggctcttgcc tttatgggcc aggctggagt 240
gcagtgggtgt gatcatggct cattgcagcc ttgacctcct gggctcaagc aatccccccg 300
ccttagcctc ctgagtagct cggactacag gtgcacccag ttgattttta atttgttgca 360
gagatgggggt ctat 374

<210> 25662
<211> 183
<212> DNA
<213> Homo sapiens

<400> 25662
aattaaatth gtgtaagccc cacaaaattc aaaatttatg tgcttttctg accacttgcc 60
ttctagtgga aattttaagc atattagagg atatgtttct gtgggagctg atcagaatgg 120
tactaggagt acaaaagaat atctaaaack raaacacagc tatatttcag atcactactgc 180
ttc 183

<210> 25663
<211> 286
<212> DNA
<213> Homo sapiens

<400> 25663

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cgggtccccc	gcaaactcct	tccacttcaa	ggtagagtga	ccacctattc	caccttcccc	120
acctggctta	gctgctgtaa	gggatggagg	gttggagtcg	ctgggtgggg	acttcttcgt	180
atttccaaac	cctggacagt	gctctaaact	ctgagctgag	gatatacttg	ttaagcaggg	240
arggtattat	tgatttaaaa	taaatttcat	taccttgga	ctgggt		286

<210> 25664

<211> 299

<212> DNA

<213> Homo sapiens

<400> 25664

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aattcacata	aaaaagtagt	tttacagatg	aagcactaaa	actagtgcac	ttcatcttaa	120
actgcaaatt	ataaaggga	taatagtaac	ttgacagtgg	agagacctgg	cagacaccac	180
cttcaccaac	tgatcaaagt	taacatcgcc	agaaagggga	cagatggcat	gtgcctctcg	240
ataagatgca	ctgaagacac	acactcactt	ctgsratatt	cctgccaaga	atgcctcgt	299

<210> 25665

<211> 344

<212> DNA

<213> Homo sapiens

<400> 25665

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aaaggtaacc	actattctta	catcactgta	gatttgtttt	gactatcttg	aacttcatat	120
gagtgaatt	tcacagaata	atcttctgga	gttagacttt	tttactctg	tggtatgaga	180
tttatccatg	ctgtttaaat	tgtatttttc	tttgttttgt	tttgttttta	attacagctt	240
agtattccat	agtataacta	tagtacaatt	tatttattca	ttcttctgtg	ggtggatact	300
tagactatct	ccagtttttg	cttattatga	atgaaactca	ggaa		344

<210> 25666

<211> 186

<212> DNA

<213> Homo sapiens

<400> 25666

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acattgggtg	ggaacagaga	agaacattgt	ttccgtggcc	caaccctagg	gacatggaac	120
tcattttatt	atacagtga	attttaarat	ttganaccaa	gatcagatct	caacaaacag	180
agctcc						186

<210> 25667

<211> 188

<212> DNA

<213> Homo sapiens

<400> 25667

caaacttgct	cttctgtag	aatttccaat	ctggctaaat	aatgtcacc	atctacctaa	60
cctctgaagc	tagatgtcat	ggagtcaccc	tagatacctc	taccagctca	gtacccatgt	120
tcagctgtca	tcacactctg	tctcttgaat	ctgtccctat	ccctcctctc	tctgcaactgc	180
caccgcgc						188

<210> 25668

<211> 228

<212> DNA

<213> Homo sapiens

<400> 25668

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taaaattaag catittgaaag tgtacagttc agtggcttct agtacatcct caatattgtg	120
caaccatcat ctctattttag ttccagtatt ttcagcatcc caaaaggaaa cacagtactt	180
gttaagcagt cattccacgt tctttcttgc cctaatacct ggccacat	228

<210> 25669

<211> 234

<212> DNA

<213> Homo sapiens

<400> 25669

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ataaagcaag tmcctagasa cctataaava vacttasact cccacacaat aataataatt	120
cctggacaca tacactctcc caagactaaa cctggaagaa gttgaatccc tgaatagacc	180
agtaacaagt tctgamattc aggcaataat taayagccta ctacccccca aats	234

<210> 25670

<211> 191

<212> DNA

<213> Homo sapiens

<400> 25670

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gaaaaagtca gtattggctg atcacagtgg ctcacgcctg tagtcccagc actttgggag	120
gctgaggtgg ttggatcgtt tgcactcagg agttcgagtc cagtctgggc agcatggtga	180
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<210> 25671

<211> 209

<212> DNA

<213> Homo sapiens

<400> 25671

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agtagttcaa aacttaagat gcccttgatt ataagaaata ctattactta tgtgcttttt	120
ttacaagatt ttcaattgta aggataaagt accagtgatt ttaaggtgca tcccaatttc	180
atagatgctc aaatctaaaa atgtaggca	209

<210> 25672

<211> 64

<212> DNA

<213> Homo sapiens

<400> 25672

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<210> 25673

<211> 131
 <212> DNA
 <213> Homo sapiens

<400> 25673
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 cacaaacctg t 131

<210> 25674
 <211> 116
 <212> DNA
 <213> Homo sapiens

<400> 25674
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<210> 25675
 <211> 215
 <212> DNA
 <213> Homo sapiens

<400> 25675
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 atacagaaaag gtgtataaag aaaaatatga agatgactca taatctcttc aaccagagat 180
 aaccactgtt aacattgtgg tgtatgtact gccgc 215

<210> 25676
 <211> 123
 <212> DNA
 <213> Homo sapiens

<400> 25676
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 aattgtgatt cattgccaaa ttaataggcc agacttttaa agaggcaggt aagtctagat 120
 gca 123

<210> 25677
 <211> 108
 <212> DNA
 <213> Homo sapiens

<400> 25677
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 tcctgtgccc attaaagtca ttctcagtt cactcctctc acagaccc 108

<210> 25678
 <211> 363
 <212> DNA
 <213> Homo sapiens

<400> 25678

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caggagattg	agaccatcct	ggccaacatg	gtgaaactcc	atctctacca	aaaatacaaa	180
tattggctgg	gcatgggtggc	gcgtgcctgt	gggccagact	actcgggagg	ctgaggcagg	240
aaaatcgctt	gaaccgggga	ggcggagggt	gcagtgaacc	gagatcgtgc	cactnbactc	300
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tga						363

<210> 25679
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 <212> DNA
 <213> Homo sapiens

<400> 25679	
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ggaatgctgat	cagtagaaat
aaatacattt	ctggkgcctt
ttctca	
	60
	106

<210> 25680
 <211> 214
 <212> DNA
 <213> Homo sapiens

<400> 25680	
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ctgragaatg	agcaagaaga
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gttatgcacg	ccccccaccg
ccacacacac	acca
	60
	120
	180
	214

<210> 25681
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 <212> DNA
 <213> Homo sapiens

<400> 25681	
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ttacaaataa	cattgcaatg
gygc	
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	120
	180
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<210> 25682
 <211> 206
 <212> DNA
 <213> Homo sapiens

<400> 25682	
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aatgattct	cctgcctcag
cctccc	
	60
	120
	180
	206

<210> 25683
 <211> 102
 <212> DNA
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<400> 25683
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<210> 25684
 <211> 259
 <212> DNA
 <213> Homo sapiens

<400> 25684
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 mtttctaaga gtagvactca aatvgaattt ctacaccaat tccmaagarc ataaatvttt 120
 trvacaaaca catacrtgtg catgcvtgta cacacctaca cacagacaca taccatctt 180
 cataccttaa taaamggrta traatvcmgc taatttggtt tctaccata cactattttt 240
 ttgtgaatct tgggcaaac 259

<210> 25685
 <211> 390
 <212> DNA
 <213> Homo sapiens

<400> 25685
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 ttattctagt catgtgaatg khtactgagc atcttctgtg tgctccagtg tgtaagggtt 180
 aaatgagatt acttacgtta ggtgcctggc acatgagagg tggtcccttg atgtttgttc 240
 caattttctc tattcaggta atttttcagg ctgaktatct ttttatttag aatctacatc 300
 aggagacaaa cccgtatcac attcttgcac aactccttcc acgtcttctg cctctggact 360
 gaacccca tctgcacctc caacatctgc 390

<210> 25686
 <211> 452
 <212> DNA
 <213> Homo sapiens

<400> 25686
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 actctacttt ttaaaaccct gttttactgg tgaatttata acaggaacat atttcttacc 180
 tccagcacca ctatcaaggc tgttcagcct acacactgaa actctgtatc attccttctc 240
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 ggcamaatct cggctcactg caacctctgc ctcccaggct caagcaattc tcccagctca 360
 gcctcctgag tagctggaac cataggtgtg cactaccacg cccagctaatt tttttgtatt 420
 tttttgtaga gatggtttcg aactcttgag ca 452

<210> 25687
 <211> 317
 <212> DNA
 <213> Homo sapiens

<400> 25687
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 ttggtgccat agtatgaatt tcattaccca ttgtgagaca caaagggggt tagcaatgat 120

tctgtttgca	ccctggaagc	baaaggcagg	ttactcacc	acttagttcc	ctaccacaag	180
accttgaaag	aractggaac	cccaggtctc	cagcccagag	atTTtgTtg	aagtttccat	240
ttgcaggaaa	tgactgcagg	gcacatgtgg	gaagtggcag	gaatttgagg	actaacattt	300
tagttttcct	catttct					317

<210> 25688
 <211> 394
 <212> DNA
 <213> Homo sapiens

<400> 25688						
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cgcaggagag	acttaacagc	aaaaatgact	gtgtcctgag	ttcagccccc	actgctctgg	180
gagcttcccc	ctggtttctg	cacctgaaga	atgtcatccc	agccgaagtt	cttaggagcg	240
gggagcgaca	aagaaaaaca	aagaaaagca	gacctgaaaa	tdgggacctg	ggagaaatag	300
acgagtgtct	taaaccagwc	atggctccag	ttcctctgac	aaggattcac	atgggggtgc	360
aattctgact	gtgctggtga	tgctggttcc	aggt			394

<210> 25689
 <211> 324
 <212> DNA
 <213> Homo sapiens

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atgtgcctat	agttctagct	acttcggagg	ctgaggtgga	aggatcactt	gagcccagag	180
gagagaggct	gcagtgcgct	atgatcgtag	caactgcactc	cagcctgggc	aacagagcga	240
gacctgttcc	cccccccaaa	aaaaaaagaa	aagaaaaagaa	aaggaaaaag	awtaaaagaa	300
atagctaaga	gaaaggacca	agtc				324

<210> 25690
 <211> 243
 <212> DNA
 <213> Homo sapiens

<400> 25690						
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tccccggcag	aaccgcctt	gcggtagcca	tggcagcagg	ctccgaggcg	accactcctg	180
tgatcgttgc	ggctggggct	ggaggggagg	aaggtgaaca	tgtcaaacct	tttaagccag	240
agt						243

<210> 25691
 <211> 147
 <212> DNA
 <213> Homo sapiens

<400> 25691						
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accagcacct	gctctggtag	atgtagactc	tctgattcct	tgattgtaga	tagtcttaat	120
gtgctggctt	tcttgaaggt	gggtttt				147

[illegible]

tctcatwr	tt caattcccat	ctgtgagtga	gaacatgcgg	tgtttgggtt	tttgccttg	180
tgatagtt	tg ctgagagtga	tcgtttccag	cttcatccat	gtctctacaa	aggacatgaa	240
ctcatcct	ttt atggctg	catagtactc	catgggtgat	ctgtgccaca	ttttcttaat	300
ccagtctat	c attgatggac	atttgtgttg	gttccaagtc	ttcactatcg	tgaatattgc	360
cgcgataaa	c atacgtgtgc	atrtgtcttt	atagcagcat	gatttataat	cctttgggta	420
tgtatccagt	a atgggatgg	ctgggtcara	tggtwktcta	gttctagatc	caaggt	476

<210> 25697
 <211> 281
 <212> DNA
 <213> Homo sapiens

<400> 25697	
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ttttccctac	tctcctaccc cctattctgt tctgtgtct ccacatttta aagtatcaac 120
aggaagtgtg	ctattcactt ccctttcttg ttgccaggc tggagtacag tgggtgcgatc 180
ttggctcact	gcaacctcca cctcctgggt tcaagtgatt ctctgcctc agcttcctga 240
gtagctggga	ttacaggcat gcaccaccac acctggcagt g 281

<210> 25698
 <211> 278
 <212> DNA
 <213> Homo sapiens

<400> 25698	
aactcaaata	actaaatttc agaaaattaa gaagctgact ttatatatttg tggtttgaag 60
tatcttggtg	ttagcatttg taataatgct aaaaaaggcc taataaaatg cccaagaaaa 120
tattcagtg	c atttatagag aaggatattt tgtagtagta tagtaatgtg ttatgtagta 180
cagttttaaa	gctataaatg gaattttgtg taaattcaca aaaatgtgat ataaacagga 240
tctaagactg	gattccctgt cactaaactg caccaccac 278

<210> 25699
 <211> 73
 <212> DNA
 <213> Homo sapiens

<400> 25699	
caatgattac	aagtcaaggg taaggattaa smttttcata cattttggag yytttcgwt 60
ttaaaaaaaa	aat 73

<210> 25700
 <211> 225
 <212> DNA
 <213> Homo sapiens

<400> 25700	
aggaaataca	gacttgccac aagtatggtt ctcttgccagc aggttgcaaa abcgctcgat 60
tggttcagcg	caacagatcg gtacataagt gcgtccgta cttgactaat ttgaaattgg 120
cggaaacggg	tggccagat gccgatatca ttttccgttt cgatcacagt cgcataacgg 180
aatactgtct	cggattcacg ccaggccaac gctaccaccc gcacg 225

<210> 25701
 <211> 462
 <212> DNA

<213> Homo sapiens

<400> 25701

gcttcttttc	ttcttgatct	agtatatcat	cttctcctgc	ccttggatgt	gagtgggcct	60
tcagacttaa	accaggagtt	acacctttgg	cttccctggg	tctcagttct	ttggacttgg	120
rctgrattas	amtgccaggt	ttcctgggtc	tccagcttgc	agatggcaga	tcatgggact	180
tcttggcctc	cataattgtt	ttcatatctc	caggcctttc	attgggtcag	gttggcattt	240
cgctgccctt	tatgbgtgtg	acaagtgaaa	ataaggaaa	aaaaaaactc	aactgaagaa	300
aatcagaatc	tgcgcagagt	atcctggggc	tttcagctgc	ttccacatc	acctgcctca	360
tcaagcccca	gcattcatct	ccttgctcat	cttacacct	gtgtgcatga	caggcccacc	420
attcatttat	cagagcaaag	gctctccac	tattctggtt	ca		462

<210> 25702

<211> 266

<212> DNA

<213> Homo sapiens

<400> 25702

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agagcccaag	gcccgccct	tgagagtagg	tgacacggag	aagccagagc	ctgagcgggt	120
cccctcctaa	ccgcaagcgt	cctgctaacg	agaaggcaac	tgatgactat	cattatgaga	180
agttcaagaa	aatgaatagg	cggtactgag	ttgtgcagag	tgggatgtaa	atatcgctt	240
cctctcccta	tatccctccc	atgaaa				266

<210> 25703

<211> 362

<212> DNA

<213> Homo sapiens

<400> 25703

cctttactgt	atcgggccct	gagctggggg	tggacttttg	tgtgaactgc	cctttgcctt	60
ctgtgggagc	ccagtgtggt	cgggcagaag	tctatgcaca	cctttgataa	atctggtgat	120
agaggtgtcc	tgggtagtgg	ggaactgtat	taaagaacat	gttgggccag	gcgcggtggc	180
tcacacctgt	aatccaggca	ctttgggagt	ctgaggcgag	aggatcgctt	gagcccagga	240
ggtcaaggct	gcagtgaact	atgatcgcg	cactgcactc	cagcctgggc	gacagagcga	300
gacctgtct	caaataaata	aataaataaa	gaacacattg	gtgtttgaga	agtaggcagc	360
tc						362

<210> 25704

<211> 169

<212> DNA

<213> Homo sapiens

<400> 25704

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catatatcat	atatatggat	gtatacattg	tgaaacccaa	aaatctgaga	caggtctcat	120
ttaaattaga	aagtttattt	tgccaagggt	gaggacgcgc	gcccgtaac		169

<210> 25705

<211> 441

<212> DNA

<213> Homo sapiens

<400> 25705

agtatgtatg	tatatatgtc	taattttctgt	atgtgtgtgt	atgtattttc	taatttgacc	60
gtgaaagcaa	agcagatgag	ctcttgctgt	tctgcagact	ccggcatggg	cctgcctagt	120
gtgtctgtcc	tctgcatttc	tattgatagc	accagatccc	ctgcggcccg	tggactcctc	180
cccactgacc	ccaacctcat	tgcatgcttg	gaggacagga	caagggccag	gagacaggat	240
ccttcgggtc	cttcatgtct	gagatgagga	gatagagcaa	caaagaactt	ctaggtcttt	300
gaagagactt	ttgtcaccag	gaaaagtatt	tgtttttaaa	cttaggaaat	gaagtacaat	360
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tgtctgacac	acccatcccc	a				441

<210> 25706
 <211> 297
 <212> DNA
 <213> Homo sapiens

<400> 25706						
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gcagaaat	gctttcttca	gattataaga	gagtgttaaa	atcattcaat	ctgttagcaa	120
ctacctgtaa	aagccataaa	aatttgatag	tacccaactt	tgtaatgagt	ggacattatt	180
aggtgtaatt	tattttcttc	catagtaatt	gcttttaaca	aggaagaagt	gacagatata	240
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<210> 25707
 <211> 365
 <212> DNA
 <213> Homo sapiens

<400> 25707						
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tattttacra	taagaaagra	taacgacaaa	aagcttagaa	ctgggttacc	kwgmtgttag	120
gaatgdkctg	taartcacct	cgcttccctca	cgggtgacct	tgaactaatt	tttcatccct	180
ggacttaact	ttccttccca	actcttcttc	tgtggtaact	attccatctt	acagccagaa	240
acactgtagt	gctgtgaaac	ttgcttccct	catcttaact	gaggttagcc	ctaagtcaag	300
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ggctt						365

<210> 25708
 <211> 97
 <212> DNA
 <213> Homo sapiens

<400> 25708						
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<210> 25709
 <211> 121
 <212> DNA
 <213> Homo sapiens

<400> 25709						
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g						121

004220" 66E7560

<210> 25710
<211> 243
<212> DNA
<213> Homo sapiens

<400> 25710
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gcacagaatc tagcactttg tatatgctga aaaaagttag tttcttatct ctactccctt 120
cctttctgga tcatgcagag caattccatt ttcttcttta acagatgaat gaatgtctgg 180
cacctacctc tgctcaggga tgttactcat atagtgaggc tgcaactctt atgaactcga 240
cgc 243

<210> 25711
<211> 199
<212> DNA
<213> Homo sapiens

<400> 25711
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gctccagtga ggagggcccc ccaggcaggg ggtattatag ccagcatgat ggggagtgct 180
gcaagcgagg gggccgaga 199

<210> 25712
<211> 165
<212> DNA
<213> Homo sapiens

<400> 25712
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tggtggctca cgctgtgggt cccaaagtgc caggattaca ggtgtgaccc accatgcttg 120
gcacgctaatt tttttatttt tacttttttg tagagatggg gcgaa 165

<210> 25713
<211> 475
<212> DNA
<213> Homo sapiens

<400> 25713
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gggcagaaaa tgagatttaa actaatccaa atcaaattct tgctcactat cctgaagatc 180
aaacacttga gccctccac agatctggaa agaaaaggcc tcccaccaag gaagcatgac 240
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tggaaggga tggttaccca ggggtgaacac agcatcctct gggaagggct tgttgaatc 360
agccaggttt agcctgggct ataggaggaa gcctggcctc ttatgtgtta ctaatccgtg 420
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<210> 25714
<211> 444
<212> DNA
<213> Homo sapiens

<400> 25714

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cctggactag	tcatgctgtg	ggagtctccc	cactacttac	ccgtgtgctc	agcctgcccc	180
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aacagatgca	ggtagccatg	aagccaaatc	tggangrgag	atgatgcttc	ctctgaagat	360
cagtaagtaa	ccaagagtga	ttaactgaac	aggtgctagt	tcttaataca	catggaagaa	420
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<210> 25715
 <211> 122
 <212> DNA
 <213> Homo sapiens

<400> 25715	
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scactgcgtc	cgaccgcagg
gn	
	60
	120
	122

<210> 25716
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 <212> DNA
 <213> Homo sapiens

<400> 25716	
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ctgacatggc	ctgggggtga
gtggtgtatt	tgcaaagctc
ctttcaggtc	tgcattaatc
tctggcatta	gttggctgtg
accgattagc	ctcccagtta
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gtgatggtaa	atgggttact
gaggcat	
	60
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	180
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	247

<210> 25717
 <211> 245
 <212> DNA
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<400> 25717	
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ggaaagaaat	caaagggaac
ctgggtgata	tctttgattc
atccccctat	ctagtgccaa
caagaacaag	tttctttctt
tcttttcctt	tttctaagaa
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acttgatat	attgckagag
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	240
	245

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tgaaaaaatg	ggtaaatgaa
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	60
	120
	137

<210> 25719

<211> 331
 <212> DNA
 <213> Homo sapiens

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 cagcctggcc aacatggcga aaccctgtct ctactaaaaa tacaaaaatt agcccagcat 180
 ggttgtgcac gcctgtaatc ccaactactt gggaggcagg agaatcactt gaacttggga 240
 ggtggagggt gcagtgaact gagatcgccg cactgcactc tagcctgggc aacagagtaa 300
 gactctgtct caaaaaaaaa aaaaaggaaa a 331

<210> 25720
 <211> 101
 <212> DNA
 <213> Homo sapiens

<400> 25720
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 gacagagtgt tgctcagtta ccaggctgg agtgcaatgg c 101

<210> 25721
 <211> 426
 <212> DNA
 <213> Homo sapiens

<400> 25721
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 atagtttcaa aatcttttat ctccagggtt gatctctctt gtgaactctg gaactgtatt 180
 cccaattgtc aattggacat ccctacgtat gggacctcag atatttcaaa catgatgtgt 240
 ccaagtctgt atcacttctg gccatcatat tgttctttta tttttccaaa tttcacatca 300
 ccagtaacaa actagctgtg atcatggcag atagcctgga aataaaaactc ccctttttac 360
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<210> 25722
 <211> 152
 <212> DNA
 <213> Homo sapiens

<400> 25722
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 gctcatggaa caggaagtcg gatgggtggga cg 152

<210> 25723
 <211> 130
 <212> DNA
 <213> Homo sapiens

<400> 25723
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 cttctattgt aacaagcact gaatgacata aatctccttt aagcactgct ttagctgtgc 120

tccacacaat

130

<210> 25724

<211> 355

<212> DNA

<213> Homo sapiens

<400> 25724

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ctwagtttta	tattaaagat	ggttattttg	attgatcttg	atatgttttt	catttcatca	180
gtaacaatga	aagtcttctg	gtagaataat	cagttctgta	ttaaaattat	tttcttgata	240
tggtagggtt	tatgtagaac	cttccatatt	ctcctgtcac	ctgtgatctg	tagatattgt	300
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<210> 25725

<211> 429

<212> DNA

<213> Homo sapiens

<400> 25725

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aaagttcaca	tcaactcaaaa	tgattgtata	tgacacacttt	gaatttaatg	ttctgwttat	180
aacctcggac	tctgtgacca	catagctaca	tatgaaatga	aaattactat	ctatataatc	240
aaacaaaaaa	ataatgttct	tctgaaaaaa	gcagataatt	gaatcataaa	tatagttcct	300
gcttcaacaa	cctagaactg	cactgttcaa	tctatatagt	aaccactagc	tacgtatggc	360
cactgaatac	ttaaaatgag	ccttgtccaa	gttaagacgt	gctgtaaattg	gatttcagag	420
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<210> 25726

<211> 343

<212> DNA

<213> Homo sapiens

<400> 25726

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aaataaaactc	cacatcttgg	ggttcagcac	aggtaccacc	tttttcagga	attatttccc	180
ctgacactgc	ttctccccct	actgtttggc	ccattatctc	ctctgtgtgt	ccccacggca	240
ttcaagtaaa	agccctatca	tataacttat	cacatgacat	tgtgattgag	tgttgaattt	300
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<210> 25727

<211> 198

<212> DNA

<213> Homo sapiens

<400> 25727

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tcaaactacc	ctatttcccc	aaaacttggg	ttgtgaaggg	attagtgtccc	cagaactctc	180
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<210> 25728

<211> 212

<212> DNA

<213> Homo sapiens

<400> 25728

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tcctatgttt	cagtagatgc	tgtaactcat	catagtaaaa	tgagcgtagt	ttgaatatat	120
aaggtaaagt	gttccaactt	gtctagctta	atcacctaag	tatgtatcac	aatcatatct	180
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<210> 25729

<211> 187

<212> DNA

<213> Homo sapiens

<400> 25729

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tggagagggtg	gccagggctt	gctgaaataa	atgccagta	gaaacatctt	gtactttgtt	120
taacttgtat	acttttgcac	taaataagcc	aagatatact	gaaaacagtt	gggttgaacg	180
gcacaca						187

<210> 25730

<211> 243

<212> DNA

<213> Homo sapiens

<400> 25730

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gacttcccat	tttacctgta	ctcattttgtg	tttgtgaagc	attgccttta	aagtgtttac	120
cttttagaca	tttttataaa	atacaatttt	ttatctgcat	aaaacatgta	taatttgaat	180
ggatttttaa	aacatgattt	tggacataag	atgaaaaatt	taaaaatcag	cattacaggg	240
act						243

<210> 25731

<211> 196

<212> DNA

<213> Homo sapiens

<400> 25731

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ttaaatatct	ctcctagatt	tttagtgtat	gttttgggat	tttatgggtt	tttttattta	120
ttttttttta	agcagacgtt	acagtttggt	ttaatctact	atagatacgt	ttttrttttt	180
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<210> 25732

<211> 135

<212> DNA

<213> Homo sapiens

<400> 25732

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cttcvtgttt	gccga					135

<210> 25733
<211> 454
<212> DNA
<213> Homo sapiens

<400> 25733
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taacttagtt gtagaaaaga gtgcaacatt ttcacttttg tagtattaat tgtacaggtc 180
catagtctct tctccacaac ttgaaaacc taaaatctct gagaatgaaa gctttttcca 240
tkaataagct gacctgttaa aactgacgtg acctaaactc atttcataca gcaaagcctg 300
actggaawdt gatttcttaa tttgtctcag tgtgtctagt catatgtttt tcctaaaaga 360
aataatagtt ttggaatagg taatgttgta caaaacacta attttgtata aaaacaggat 420
accattataa tgtagtctac gtaagaggtt agta 454

<210> 25734
<211> 406
<212> DNA
<213> Homo sapiens

<400> 25734
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atcctctcat ctctccccac agagtgatta tggattcttc ctggaagggt tctcagggtc 120
ctaaccaacc agcccgtttg ttggccttca gcaaagtaga tgtkrgtttt tgtgtacttc 180
atagtgtata aaattattcc tgcaacagggt attaaaacct gagatttaaa atcctttcca 240
ttggtgttaa catacattat ttatttatkk akkttatkt atkttatttt ttgagatgga 300
gtctcacttt gtcacccarg ctggagtgc gtgacgtgat ctcggttcac tgcaagctcc 360
gcctcctggg ttcacgccat tcttctgcct cagcctccca ggtagt 406

<210> 25735
<211> 149
<212> DNA
<213> Homo sapiens

<400> 25735
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agattccatt atatatgtat gccacaatt 149

<210> 25736
<211> 235
<212> DNA
<213> Homo sapiens

<400> 25736
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aatccataag accagatacc ttcagaaatg atttttcctg tgggatttct atgactggta 120
ttctgactag tgtgaaatga cagctttgga tgtctatatc tacacccatc aaaacctcag 180
agcttcatgc actgctataa cttttctggt aactctgggt aaattcggag gttgc 235

<210> 25737
<211> 301
<212> DNA

<213> Homo sapiens

<400> 25737

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gttgagttca	tttatttcat	ttcctcagat	ttttagggat	tgtcctcggt	ttttcttttg	120
attcattgtt	ttcatttgtt	tgtttttagaa	acaatatctt	gttctgttgc	ccggcctgga	180
gtgcagtggc	atgatcatag	ctcagtgcag	ccttgaactc	ctgggctcaa	gggatcctcc	240
tgtcacagcc	tcccaaatag	ctaggcctac	aggcatgcaa	gtaccaccat	acctggccca	300
c						301

<210> 25738

<211> 255

<212> DNA

<213> Homo sapiens

<400> 25738

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ggaattgcag	atgaaattag	aagggaacac	tagaaaactt	acgtgtgaaa	ttcaatttga	120
atgcttgctg	ctgttgctgg	gggaagaaat	tacattgtac	actgagaaat	tttgtcatct	180
accataaaaa	tctaagtggc	aatttttagtc	attgacgaaa	atctaaaact	tttcaagttt	240
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<210> 25739

<211> 215

<212> DNA

<213> Homo sapiens

<400> 25739

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cacacgtgtt	catcaggaag	gacccacaga	ctgctgctcc	tggaggcctc	tcggtttatg	120
gatgtgtgtc	tgttccataa	accctcagag	ggtcacctgg	agaccgcgta	aaatgcaggt	180
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<210> 25740

<211> 351

<212> DNA

<213> Homo sapiens

<400> 25740

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gctgcagaat	agtccaattt	atgaaaatat	caaatttgtt	ttacagtatt	ctgttgataa	120
atatgtaagt	kgctcccaat	gttgaactat	taaaagaacc	ctgcagtggg	tgaccttgta	180
catgtgtkat	cctactcagg	tgacaaatgc	ccactggagg	tggcattgct	aggtcagagg	240
gtgtgtgtgt	tttcatatgt	aagaacactg	cctaatttcc	ttcctagatc	attagcaatc	300
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<210> 25741

<211> 283

<212> DNA

<213> Homo sapiens

<400> 25741

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tattggttaa	agctcctctg	tcagascagc	tctcaattga	agtaaatagc	gcagagaagc	120

agatagtaag atgagaaaac ttccagttcc cagggtagcc ctactcttg ttaaagagg 180
catgttagga cgtgtccagg tcaaaagctg caaattccct tagatttgca ggaaatagag 240
gaaatgggta agatatggag ctctctgct ataggtgccc aga 283

<210> 25742
<211> 299
<212> DNA
<213> Homo sapiens

<400> 25742
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atgtgtgttg ttttgataga tgcatacaat gtgtaatgat caaattagag aaattgggat 120
agccattccc tcaaacattt gtgttgggaa tatttcactt ctctcttct agctattttg 180
aattaaacaa taaattgtta actgtagtca cctcctatac tattgaacct taagtcttat 240
tccttctaac tgtatttttg taccggttaa ccaacctctt cagtccccca cacaccaac 299

<210> 25743
<211> 158
<212> DNA
<213> Homo sapiens

<400> 25743
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caagtctgta atcccagcac tttgggaggc tgagggtggg agatcacttg aggtcaggag 120
ttcgagacca gcttgccaa catgatgaaa ccccgccc 158

<210> 25744
<211> 211
<212> DNA
<213> Homo sapiens

<400> 25744
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tgttttcaac cagagggtata cctaggagtg gaatggctgg gtcatagggc atgactgttt 120
ccaagcttac cagctactgc caaattgctt cccaaagtgg ttgtaccagt ttacatttct 180
accagcaaga gaatgagaat tttggaaggc c 211

<210> 25745
<211> 146
<212> DNA
<213> Homo sapiens

<400> 25745
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tgatagcatt ccagatttag ttttgctata atgcttggtt tgaaaatgtg gattttttcc 120
aaaagggttg atatttcagg gaacac 146

<210> 25746
<211> 157
<212> DNA
<213> Homo sapiens

<400> 25746
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tactccaata aaggttgaga ttaacactaa gaatcccttg cttaacgtaa aataatagcc 120
actatggcaa gaagccatag atggagttgc cccaaca 157

<210> 25747
<211> 226
<212> DNA
<213> Homo sapiens

<400> 25747
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cccagcaact tgggaagctg aggcaggaag actgcttgaa gccacgagtt tgagatcagt 180
ctgcacaaaa tggacctcgc ctctacaaaa aaatttataaa attatc 226

<210> 25748
<211> 322
<212> DNA
<213> Homo sapiens

<400> 25748
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tacatgtaag gttcctctat atatttttgt ggcattctcat ttaaaaaaaaa maaattascc 180
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<210> 25749
<211> 312
<212> DNA
<213> Homo sapiens

<400> 25749
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gctgagcaca gaaatttcta aatgggttgt gaccaacatt tacaggctta tcaggcttag 240
tagttaattt gtttcttgag tttgatttgg ttgcatggta tcaaatcctg atcaaacaga 300
taagtggttt gc 312

<210> 25750
<211> 94
<212> DNA
<213> Homo sapiens

<400> 25750
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gccattgata atttcttttc ttttttcttt tttt 94

<210> 25751
<211> 366
<212> DNA
<213> Homo sapiens

<400> 25751

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gcttccattt	kgtttgccct	atgatcataa	tagttggaac	cagaatccag	ttctccgact	180
gaaatgaatt	tgacgtagac	aagtcaaaaa	gaggtcttat	tcatgttcca	aaagacctac	240
cgctgarrrr	caaagtctta	gatatgtctc	agaactacat	cgctgagctt	caggtctctg	300
acatgagctt	tctatcagag	ttgacagtst	tgagactttc	ccataacaga	atccagctac	360
ttgatt						366

<210> 25752

<211> 155

<212> DNA

<213> Homo sapiens

<400> 25752

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aggcagag	aagcagatcc	caaggtcacg	agtttgagac	cagcccggcc	aatgaaactc	120
cgtctctact	aaaaatacaa	aaattagcca	gacaa			155

<210> 25753

<211> 71

<212> DNA

<213> Homo sapiens

<400> 25753

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sgccaagcca	g					71

<210> 25754

<211> 391

<212> DNA

<213> Homo sapiens

<400> 25754

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ctacttctcc	aagaagcagt	ctgcattagc	ttgttctcac	actgctaata	aaagacatac	180
ctgagactgg	gtaatttata	aagaaaaaga	ggtttaatgg	actcacagtt	acatcggagg	240
cctcacaatc	atgatggaag	gtgaggagga	gtgaagtcaa	agtcacatct	tgcatggcag	300
caggcaagag	agagcatgtg	caggggaact	cccctttata	aaaccatcag	atctcatgag	360
acttattcac	cgtcacaaga	acagcatggg	a			391

<210> 25755

<211> 351

<212> DNA

<213> Homo sapiens

<400> 25755

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aaaaattcat	tatgtaaaat	aattacatcc	taccagtggg	gggattttta	aaatttaatg	120
tgcttgga	ctgcttgat	agaggattat	catgtattag	atcatacttc	accatggtaa	180
gattgtaata	gacttagaat	gtaccaaata	tcacagccaa	ggctatatac	cacttaaatac	240
acccaaaaca	gttctatgac	acttccagtc	caataaratg	gttacaaata	tggtataccc	300
attgcttgta	taaggggtcc	catgtaaatc	taaagtaatg	tcagcacat	a	351

<210> 25756
 <211> 379
 <212> DNA
 <213> Homo sapiens

<400> 25756
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 ctgtcgttaa gagctttcga ggaaggagta cttactcccc aatgatgatg aatggaaaaa 180
 tacttttcag ggagaattga aggggttaaa gtgttaaata tgttgcctag acaagggttc 240
 tttaaagaaa gacagcgama ctttgaatgc tttcttactt gttttgtgac ctaatttatg 300
 tggaagattg ttatttcatt aggmmttmgt aamatttttt tttctgattc taaacttatt 360
 gtgaaaattg agctgtaca 379

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 <211> 297
 <212> DNA
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<400> 25757
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 tgggagtata attctgtcct ccatctcata agccccagta cctgagccag aatgattata 180
 accaaccaca ctgtctcttt atcatggatg gcttttagcag taggttattt tcatcattgc 240
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<210> 25758
 <211> 297
 <212> DNA
 <213> Homo sapiens

<400> 25758
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 gactaccma rgacatatta taatcaract gtcaaaaatc agaggcagag agaggatcct 180
 gaaggcagca aaagavdrga agcaataaca taacataaaa acgggctcaa atgtacctag 240
 aagtggactt ctcagccgaa accttatggg ccagaaaaga gtaggatcat atattta 297

<210> 25759
 <211> 184
 <212> DNA
 <213> Homo sapiens

<400> 25759
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 gagactagga ttgcaacccc tgcctttttt tgttttccat tggcttggtg gatcttcttc 120
 catcctttta ttttgagccw atgtgtgtct cwgmactgta gatgggtttc ctgaatacag 180
 cagc 184

<210> 25760
 <211> 344
 <212> DNA
 <213> Homo sapiens

<400> 25760

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actccagaag	gagttgagaa	tgggtgctga	gtgcctcttc	aggatgtctg	tcacacctca	120
kgaaacctgc	maggaatacc	aaagggagtg	gaaaaatcca	akgttgggaa	gssmtgggac	180
attgaagtta	caactggacg	ataaaaacag	arttttttcc	ttgtgacgtg	accactgtga	240
tgtaaagctg	tatctccttc	atttcatcaa	gaaattttta	aattctcccc	caacgtgctt	300
tcactcttcc	cttcattgcc	aactctgtaa	gaagtaccac	gctc		344

<210> 25761

<211> 415

<212> DNA

<213> Homo sapiens

<400> 25761

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cacactagac	atctaaagca	atcaactata	gttaacaagc	agtgtcttta	ccaaaaggta	120
actctttact	agaatccggc	acaccattta	atatcagtat	gagcatatgg	tgggtttaat	180
aattgttttc	catgtttata	agttttcttt	agttttataa	gcagttaaaa	agaatccctt	240
tcactgaaat	acaatctgtg	gtgggacttc	tagcttttct	caatcttacg	ctgctagatt	300
tatgtcactg	ccaaagctat	gcaatgggtg	atatttvnac	tatgtctcaa	caaagcaacc	360
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<210> 25762

<211> 149

<212> DNA

<213> Homo sapiens

<400> 25762

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gcctcgcttc	acagcgaaac	gccgcgcga				149

<210> 25763

<211> 335

<212> DNA

<213> Homo sapiens

<400> 25763

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atgcagcaga	aaataraatc	agcatggcgt	kggcatgtac	aacttacatg	taaactaagg	180
tgtttaaatt	agattttcaa	tacactggat	actactat	cccaaactat	gggcaaattg	240
agtactaaga	agaagtctct	ctgggaaaaa	aaatgaaatt	ttatacctat	ttctatacta	300
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<210> 25764

<211> 252

<212> DNA

<213> Homo sapiens

<400> 25764

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gaatgggttg gagtatgaag aaggcagcaa acacaggttc attgttgacc agtgattaat 180
aatgcggatt gttaattagc ctkcgttgat tatgagggtg tttcttrac ktaratarkt 240
taagaccarg ga 252

<210> 25765
<211> 166
<212> DNA
<213> Homo sapiens

<400> 25765
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ttatttagct ttaagttttg ttctcaattc ctagtgga aaaaaaagc accaaaaaat 120
tcaattttta catttcaatt caaatgcaag aacttgaac agaccg 166

<210> 25766
<211> 189
<212> DNA
<213> Homo sapiens

<400> 25766
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ttgatgaaac tgaaaatttg tctagtcaag aaaactttta gaaaattttg tctagagagg 120
attgcgtaat gcctggtata taattacgga cacacacaca cacacagaca cacacacaca 180
cacacactt 189

<210> 25767
<211> 213
<212> DNA
<213> Homo sapiens

<400> 25767
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gacgcaataa gcgggtgcag tggaggtaga aacgggaaat gcagtaccct ttccggaagc 120
tactccgcc ctcgacaggg tcttgctgtg tcgcccaagc tggagtgcag tgggtgcatc 180
tgggctcatt gcggcctcca cttcctggat acc 213

<210> 25768
<211> 140
<212> DNA
<213> Homo sapiens

<400> 25768
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cttagtcttt twgcagccac 140

<210> 25769
<211> 128
<212> DNA
<213> Homo sapiens

<400> 25769
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cgccccct 128

<210> 25770
<211> 198
<212> DNA
<213> Homo sapiens

<400> 25770
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gttttctcct tggctgcatg ttagaatcat ttgggaattt ctgaaatttc caatgcttgg 120
gctgattcaa tcagattctc tggaagcagg gtaccggcat ctctagtttt aaaatgtctg 180
cagatcatatc ccatgtag 198

<210> 25771
<211> 365
<212> DNA
<213> Homo sapiens

<400> 25771
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attaattaaa aatttggttc cttcgttgaa ctagccacat ttcaagtacc agatagccca 120
tccggctggg ggctactgta ttggatgggt cagatagaga ctatttctat catctcagaa 180
aatgctcctg gacagcgttg gtctgaagga aaactgggtg ctgcactga gagctgattg 240
gagggggggac aaggagaaaa agtagcagat atttttttat actctgccaa cgtgaataat 300
ctgachnctt ttctctacca caaaaatgta ccagctacat gataccttta catttacaac 360
ndmcc 365

<210> 25772
<211> 173
<212> DNA
<213> Homo sapiens

<400> 25772
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ttggttgcta taacagcata agatcaacaa tgagaacggg catattgggtg atttctggca 120
gccatgggaa gactttactt ttagtgcaaa aactatagaa atttcaccca tgc 173

<210> 25773
<211> 119
<212> DNA
<213> Homo sapiens

<400> 25773
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ctgcagcccc aggcccgccc cgcgtcacat gagccccagg gctccccacc cctcccgat 119

<210> 25774
<211> 247
<212> DNA
<213> Homo sapiens

<400> 25774
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tgaggttgct ctcathtaggt gttggaatct ttgaagataa aatacttctt cctacctctc 120

acttgagatc aaggaaacct acataagact cccagagcaa aaggaccctg taacacttgt 180
gccttggcat tgccatatgc tctgttgcgc aggaatgggg aggaacggcc atccacatgc 240
caccccc 247

<210> 25775
<211> 131
<212> DNA
<213> Homo sapiens

<400> 25775
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ctggccaaca tgggtgaaacc ccgtctctac taaaaatata aaaattagcc aggcgtgacg 120
gcgcgcacct a 131

<210> 25776
<211> 111
<212> DNA
<213> Homo sapiens

<400> 25776
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<210> 25777
<211> 245
<212> DNA
<213> Homo sapiens

<400> 25777
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tagtagctgg tactggaggc atatgccaac acacctgtct aatttttgtg tttttgtag 120
agacaagggt ttcactaaca gttactcttt ataactactt aagttaacct acaaataaaa 180
aatggcatga agcttttact gttgggggga agttttcaga tgttactaca acattaagcc 240
caatt 245

<210> 25778
<211> 426
<212> DNA
<213> Homo sapiens

<400> 25778
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gatcagctcc tgtgggaccc tgagtactta ccagaagata aagtgattat atttcttaaa 120
gatgcactca gaagaacagg tgatgagaag ggtgtagaag caattcctga aggatctcac 180
ataaaagaca atgaacaggc tttatatgaa ttgggttaaat gcaattttga tacagaagaa 240
gcattgagaa gattaagatt taatgtaaaa gcagctagag aggaattatc tgtttggaca 300
gaggaagagt gtagaaattt tgaacaaggc ctgaaggcct atggaaagga ttttcatttg 360
attcaggcta athaagtccg aacaaggcca gttgggtgaat gtgtagcatt ctatamatgt 420
ggaaac 426

<210> 25779
<211> 285
<212> DNA
<213> Homo sapiens

<400> 25779

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gtaagttttt	catatatgct	tgcaaagggt	tgtaaaactt	tattgtgatt	attcttgctt	180
taagctgaaa	cttccttaat	ctttcttttag	agattgtggc	atagcatgat	agtttctttt	240
ccatatccaa	ttgttttctg	taatgaatac	agaaatatgg	gcaca		285

<210> 25780

<211> 209

<212> DNA

<213> Homo sapiens

<400> 25780

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tactccctgc	tttcgtaggg	cttcctggcc	aagagtgaga	ctgacatgga	ctcacactaa	120
tgaatgaacc	ttctcaatct	gaagcatatg	ctcctacagg	aaaacatagg	tcttgatgaga	180
acaggtcacc	atcatcatct	ccatggcac				209

<210> 25781

<211> 339

<212> DNA

<213> Homo sapiens

<400> 25781

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ctactgctag	tcgctgcaac	actcctctac	agtttgagct	ttgtcaccga	aaagacctgg	120
atttggaaca	agtaaggata	ccttgactcc	aacactaaca	gctgtgctga	tagaccttcc	180
ctactcaact	cagggtcattc	tgacctggct	cctcatccct	ccctcggacc	cacttctgag	240
actggtttcc	caagcagaag	tggagatgga	catcagaccc	tcgtgagaaa	ctcagacnag	300
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<210> 25782

<211> 152

<212> DNA

<213> Homo sapiens

<400> 25782

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taaaaaatta	taaaataact	agacactaat	gaattgtacc	aaattaagac	tctctaggcc	120
tagagagtca	gatgactccc	agacaggcct	ac			152

<210> 25783

<211> 283

<212> DNA

<213> Homo sapiens

<400> 25783

acccackhcg	gcgggagccg	cccgttcgcg	ctgccagcag	cttcgcgctg	ctacggctct	60
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tcctgtgggt	caactatgca	actaactcag	attttgagca	aacaaagctc	tcaagttggg	180
gatcctcagg	agtctctgca	ttagttggac	agctcttctg	gaattatctt	ctaagtcaac	240
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<210> 25784
 <211> 180
 <212> DNA
 <213> Homo sapiens

<400> 25784
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 gctggggcag aagaatcgct tgaacccggg aggtggaggt tgcagtgagc agagattgtg 120
 ccactgcact ccagcctggg tgacagagca agactccatc tcaaaaaaaaa aaaaaaaaaa 180

<210> 25785
 <211> 183
 <212> DNA
 <213> Homo sapiens

<400> 25785
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 cctttacaga caagcaaatt ctgagagatt ttgtcgccaa caggcctacc ttacaagagc 120
 ccctaaagga agcactaaac atggaaagga acaaccagta ccagccactg caaaaacatg 180
 cca 183

<210> 25786
 <211> 174
 <212> DNA
 <213> Homo sapiens

<400> 25786
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 taattatatt tdsctgacgt ctacatcttc tttcttatga actgaaaaac atagttgaca 120
 acaacactaa cataattatt catttgcttt atcctacggt taatacagca gcat 174

<210> 25787
 <211> 105
 <212> DNA
 <213> Homo sapiens

<400> 25787
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 attcctgtat atattcaatc ttctgtaggt ttcattaggc ccggg 105

<210> 25788
 <211> 252
 <212> DNA
 <213> Homo sapiens

<400> 25788
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 tttaatcttt ctctgtcttg gccttacttg gctaattttt gttaaactaa gtcataaata 180
 tattctacat ctactcaagg ttcacttcat tcagtagata ccatgggaat aactaaagtt 240
 taccgaagct ac 252

<210> 25789
 <211> 225

<212> DNA

<213> Homo sapiens

<400> 25789

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gtgtctgtat	tcataaagga	taattggagt	atatttttct	tgcaacatcg	ttgtctgg	180
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<210> 25790

<211> 249

<212> DNA

<213> Homo sapiens

<400> 25790

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ggtttcgccca	tggtggccag	gctgggtctg	aacttctgac	ctcaggtgg	ccacctgcct	120
tggcctccca	gagtgtctgg	attacaggca	tgaggcacca	cgcccgccct	ctaatagag	180
ctttagctat	tacagcgtgt	cttactctgt	gtacttagta	gtggtaagac	agtgttttga	240
ccagttgtg						249

<210> 25791

<211> 256

<212> DNA

<213> Homo sapiens

<400> 25791

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atccctaaat	ttgacaagaa	ttaggacatg	ttgtcttgca	aaaataaggt	tcatgaagtc	120
acaagaaatt	ggtgaaatta	tgtatatcta	cagaaggaat	acattagcag	cttttaaatcc	180
actaaaaaaa	caagagtctt	ggagaatggg	acctttatct	tatctctgtg	tctcaaatct	240
tagcacaacg	cctggc					256

<210> 25792

<211> 169

<212> DNA

<213> Homo sapiens

<400> 25792

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cctgtgcagg	catcttcaca	agccagctct	tcacctcctt	ccgtcacc	gtattaaaac	120
tccgcaccca	ctcaacactc	actccccgtc	tccccccatc	ccctgtgcc		169

<210> 25793

<211> 382

<212> DNA

<213> Homo sapiens

<400> 25793

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accaggctct	caccactct	gatgttttca	ctcctgactc	ctaagaagca	gattggcaat	180
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tcctgtttat	tcaaaatcct	gatgaaaatt	ttaaggagca	ctatttnnga	agggatgact	300

gggaaccttg caagaacaaa cagcttaaaa ttcatagaaca gaaatagcaa cgtttattca 360
 tgatgtttca aatgccccta ac 382

<210> 25794
 <211> 142
 <212> DNA
 <213> Homo sapiens

<400> 25794
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 atgttatttt tattgctgag tgatatttca ttggatgaat atgtcataat ttaccctttc 120
 tactgataga catatgggtt tc 142

<210> 25795
 <211> 104
 <212> DNA
 <213> Homo sapiens

<400> 25795
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<210> 25796
 <211> 139
 <212> DNA
 <213> Homo sapiens

<400> 25796
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 ccctcccgt ccattccagg cgcgcgcggc tcctctctcg gactcgcgtc rtcgmtgtcg 120
 aaccrcaacg amctgcgta 139

<210> 25797
 <211> 118
 <212> DNA
 <213> Homo sapiens

<400> 25797
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 atttgtattc agagtgtgag agcaagctct acagatagac cttattggac tacttttt 118

<210> 25798
 <211> 261
 <212> DNA
 <213> Homo sapiens

<400> 25798
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 actagaagtg ccatttgacc cagccattgc attgctgggt atatgcccac aggatcgtag 180
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<210> 25799

<211> 150
<212> DNA
<213> Homo sapiens

<400> 25799
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ttcttagtct tcagtatgct tcaggcccaa 150

<210> 25800
<211> 204
<212> DNA
<213> Homo sapiens

<400> 25800
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tgcagtggct tacacctgta atccaagcac tttgggaggc tgggggtgggt ggatcacggg 120
gtcaggagtt cgggaccggc ctggacaacg tggcggagcc catcttaaaa atgcaaaaat 180
tagccgggct tgctgggtggg ctgc 204

<210> 25801
<211> 439
<212> DNA
<213> Homo sapiens

<400> 25801
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gcbccccacc tctctagagg ccccggtttg tgatgttccc tgccctgtgt ccatgtgttc 360
tcattgttca actcccactt acgagtgaga acatggcagt gtttggtttt gtgttgttgt 420
gatagtttgc tgagaatga 439

<210> 25802
<211> 395
<212> DNA
<213> Homo sapiens

<400> 25802
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agaaggcaaa gccagtttg ctgacattga acccaaattt gatagactgc tgtttttctg 180
gtctgaccgt cgcaaccctc atgaagtaca accagcatat gctacaaggt acgcaataac 240
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aaaagggtgtg agggttgaac tcaataaacc ttcagattcg gtcggtaaa acgtcttcta 360
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<210> 25803
<211> 315
<212> DNA
<213> Homo sapiens

<213> Homo sapiens

<400> 25808

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ttactgtaag actgcagtta tcaagacagt atggcactag tgaaagaata gaccaataga	120
tcagtggaaac acaatagagc ccagacacag acccttgtaa atatagtcaa atgatcgttg	180
gcattg	186

<210> 25809

<211> 185

<212> DNA

<213> Homo sapiens

<400> 25809

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ccacaaaagt tttggtatgt tgtattttta tattagttca aaatatttcc ttctttcccc	180
taaga	185

<210> 25810

<211> 149

<212> DNA

<213> Homo sapiens

<400> 25810

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gatccacccg cctcagcctc ccaaagtgtc gggtttacag gcgtgagcca ccatgccag	120
cgatcttatt ttttaaagtt cccaagtg	149

<210> 25811

<211> 145

<212> DNA

<213> Homo sapiens

<400> 25811

tatctatttt tgtcaagaac ccaatttttc atgctctgca aattgttttc tgtttctatg	60
taaaaatfff aattatactc ctatacttta ttataaaaga tactgatttg attagcatcc	120
tcttaccaga aacacatact agaca	145

<210> 25812

<211> 183

<212> DNA

<213> Homo sapiens

<400> 25812

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ttcgtatgga aaacattctg agcggaaacc ctctccttaa tctcactggc mcatcccagc	120
ctcaggccaa cttcaaagtt aaaagaaggt gggatgatga cgttgtcttc aagaactgtg	180
caa	183

<210> 25813

<211> 161

<212> DNA

<213> Homo sapiens

<400> 25813
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 ggaaagggca tgctaataat tgagtgtggt gtcaaacagg c 161

<210> 25814
 <211> 173
 <212> DNA
 <213> Homo sapiens

<400> 25814
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 ccattcttaag tccctgtgccc tctgcccgtgt gttactgagt gcctaggccg tgccagcctg 120
 tattcatctg tactatgacc tgaagaggca gaggccatca ttgttggtcc agg 173

<210> 25815
 <211> 188
 <212> DNA
 <213> Homo sapiens

<400> 25815
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 gatggacctt cattcagaca tctttaccac ccaaagtcca tggtttacat taggggtttt 180
 tttttttt 188

<210> 25816
 <211> 202
 <212> DNA
 <213> Homo sapiens

<400> 25816
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 tcctctcact tcctaacttg aggacagaga aatatattct gatgtcccta actggcagtc 180
 tgctatggta gtgaccacga gt 202

<210> 25817
 <211> 162
 <212> DNA
 <213> Homo sapiens

<400> 25817
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 gtgtcggatg ctcaagaaaa gcgggcttgt tgtggaagac ca 162

<210> 25818
 <211> 190
 <212> DNA
 <213> Homo sapiens

<400> 25818

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gcttaaccag	atatccagca	ctagccttct	aacagtttct	aactcagtgg	tgacattttt	120
tagttcttaa	ctcccacaat	ccttcttagc	ctaacaaacc	tcttaattaa	ggtccatgaa	180
agaccaggaa						190

<210> 25819
 <211> 283
 <212> DNA
 <213> Homo sapiens

<400> 25819						
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agygacgggg	gacggggacc	agcagctgtc	gccgccgctc	tcagatcgag	tcttgctctg	180
tcacccaggc	tgagagtgcag	tggcgcgata	tcagctcact	gccacctttg	cctcctgggt	240
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<210> 25820
 <211> 294
 <212> DNA
 <213> Homo sapiens

<400> 25820						
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ccgtggccac	catctgtgct	ttctgtcatc	tggtccctat	ggtttgctgt	catcttgtgt	180
gtctagggac	acaggctgct	gatcatgctg	tagctgtttg	agtaagaaat	aaacaatcta	240
ggctgggcac	agtggcacac	acctgtaatc	ctagcacttt	gggaggccga	cttg	294

<210> 25821
 <211> 140
 <212> DNA
 <213> Homo sapiens

<400> 25821						
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tgctgtgcac	cttccctctt	ccatcctgtg	tccccagaag	cagccacttt	gggmtccggt	120
tcgtcttctg	ctgtcgacca					140

<210> 25822
 <211> 127
 <212> DNA
 <213> Homo sapiens

<400> 25822						
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ctgtgggact	taccctacta	tggtccgagc	ctaccctatt	tcattatact	caagtaacgc	120
cccagtt						127

<210> 25823
 <211> 135
 <212> DNA
 <213> Homo sapiens

<400> 25823
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 atatttttgc ataatactct cttactgctt acattctata aatttttcac gtgataattg 120
 tctttgcgta actgg 135

<210> 25824
 <211> 107
 <212> DNA
 <213> Homo sapiens

<400> 25824
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 aacctctcaa gtacacaatt gtatgttctt tgtatccctt acccact 107

<210> 25825
 <211> 230
 <212> DNA
 <213> Homo sapiens

<400> 25825
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 cctggccatg gccaaagaga gggcccacca gaaacgcagc agcaaacggg ccccgagat 120
 ggactggagc aagaaaaacg aactcttcag caacctctga gcgcctgct gccacccagt 180
 gactggcagg gccgagccag cattccaccc caccttttc cttctcccct 230

<210> 25826
 <211> 262
 <212> DNA
 <213> Homo sapiens

<400> 25826
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 gattacaggc gcccgccacc actcccagct aatttttgta ttttttagtag ggacgagggt 120
 tcaccatgtt ggtcaggctg gtctcaaact cctgacctcg tgatctgccc tccttggcct 180
 tccaaagtgc tgggattaca ggcgtgatgg agatgatact ccctaaatca caaggggtgtg 240
 gtgtgaagat gaaatggcaa ca 262

<210> 25827
 <211> 127
 <212> DNA
 <213> Homo sapiens

<400> 25827
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 attagattgg gcttgacagt taccagtcct cagatgagtg tcccccttcc tgcacctccc 120
 cccaaat 127

<210> 25828
 <211> 208
 <212> DNA
 <213> Homo sapiens

<400> 25828
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aggattataa tccactttcc ttctgaggaa aagctgggaa ccttctcatt ttgccttatg	120
aaaactaaag ctgaatcgac tgctgccaaa catctattag gcaaaattgg cctcttgccc	180
atgatttgac tttccagcac aacctcca	208

<210> 25829
 <211> 191
 <212> DNA
 <213> Homo sapiens

<400> 25829	
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actgtgcaaa tactttaata gcaaacctga ttaatatattt tcagatgtag aatgtgtgaa	120
gtaatttgat gtcttttgcta gtttagcttc tggttaatct acgtaccctt ttttaaagga	180
aaacagacct c	191

<210> 25830
 <211> 188
 <212> DNA
 <213> Homo sapiens

<400> 25830	
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cctgtcgccc aggctggggt gcagtggcgc gatctcagct cactgcaagc tccgcctccc	120
gagttcasgc cattctcctg cctcagcctc tcgagtaact gggactacag gcgcccgcga	180
ccacgccc	188

<210> 25831
 <211> 291
 <212> DNA
 <213> Homo sapiens

<400> 25831	
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ctgctgccct attcgcagga gcagacaact aagggtgctaa tgaaaacaca cacgggcttt	120
cgtgaatgra aagtcacatg acttgttctg tttcctttat tgaaagagaa acctttacaa	180
aaatagtact tcatagaagg aagcatagta tgtggaacac taaaccagga atcaggaaac	240
caggtttcta gttgctgac ttaatgagtc attgtgtgtc tatgggggag a	291

<210> 25832
 <211> 257
 <212> DNA
 <213> Homo sapiens

<400> 25832	
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ctgcaactct agaccaacct tctaaagagg gatttaagac ctttttcaag aatckggctt	120
gawttttttt ggccatggt tctcccttta ttttactcaa tgttctcaaa actaaaatgg	180
ctctttaatt tgattttcgt aaaatggraa tttggtagat catattttat ttactatgtt	240
gttaaaatgc cccaatc	257

<210> 25833
 <211> 303
 <212> DNA
 <213> Homo sapiens

<400> 25833

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agtaacattc	atttgcattg	attctctttt	gagtagattc	tgaagaccaa	gaggtatctt	180
acccatcaaa	ctagctttcc	ttcacatttc	tcttccgagg	ttcactcacc	ttttccctcc	240
gttatcattc	ttcccttccc	agctaataa	gtaaagctac	ctacaattta	aaaagaagag	300
cct						303

<210> 25834

<211> 278

<212> DNA

<213> Homo sapiens

<400> 25834

cacatawca	acatatgtaa	ataaatgctt	gctctcagct	cagcaaata	tgtttgagag	60
cccaccatgg	agtagggagg	ttataagagg	aataaaatga	ttcatgcttt	tgargtatgt	120
cagttaacaa	tgcagtatgt	atgatacaat	agaagttagc	acaaatgta	tggracaaag	180
aaggggaagg	gcttaaaaaa	ttactaaaga	aatccataag	araaagtttt	aaaaatattg	240
aaaagaaccc	tagtgatgaa	aatttgagag	accctcgc			278

<210> 25835

<211> 212

<212> DNA

<213> Homo sapiens

<400> 25835

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agactgtaat	tttttatgct	tatgtttgtc	tagactttct	gttaagtgcg	tatcacagct	120
ggretcactt	gtgcacttgg	wcacgactga	gtttgtcctg	agcmattgtg	gtagaattga	180
cctcgagggtg	cccaatctat	ratagttcca	cg			212

<210> 25836

<211> 282

<212> DNA

<213> Homo sapiens

<400> 25836

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caaaagtaga	taaaacaaca	aagatgggga	aaaaacagag	cagaaaaggt	gaaaattttt	120
aaaatcagaa	cactactccc	cctccaaagg	aacgcagctc	cttgccagca	acggaacgaa	180
gctggatgga	gaatgacttt	gacaagttga	gagaagaagg	tttcagatga	tcagacttct	240
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<210> 25837

<211> 212

<212> DNA

<213> Homo sapiens

<400> 25837

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tataactatt	tttcagtatt	gtgttctata	tttataatta	tgaagaacgt	tgagaatgca	180
atcatcctta	atagcaagag	taagccaccc	gc			212

<210> 25838
 <211> 170
 <212> DNA
 <213> Homo sapiens

<400> 25838
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 ggggaaaaaa aattggtcag atactgtgag agagatttca aaagaatagg 170

<210> 25839
 <211> 158
 <212> DNA
 <213> Homo sapiens

<400> 25839
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 ttggcataat gtatgtatat agttatagat ctttttatca tgtgtgttga tttgtgtaac 120
 taccaccacc aagatacgaa actcttctgt caccggaa 158

<210> 25840
 <211> 205
 <212> DNA
 <213> Homo sapiens

<400> 25840
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 ttgcagccta ggagtcattgc ttgggttcttt ctttttctca cctcacataa atcagtgaac 120
 aagccttgag agttctctct agacctcttt gctgtgtctg acacatcttc cctccattct 180
 aagtgtgtct gtcttaggcc acaca 205

<210> 25841
 <211> 267
 <212> DNA
 <213> Homo sapiens

<400> 25841
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 ctttatttgc gtcctaaaca ttcttcagtg aaaataattt tatttcagtc aarcatttat 180
 gaggaatga gatcacatct ttgtcamwgg atgctacttg aagarggagt actttgtaac 240
 cactttgata tgctgttatc accacct 267

<210> 25842
 <211> 139
 <212> DNA
 <213> Homo sapiens

<400> 25842
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 agaccgagga gggggagat 139

<210> 25843

<211> 228

<212> DNA

<213> Homo sapiens

<400> 25843

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acccattttc	caacagatta	tctgmatggt	ccacttttat	tcacccttta	aaatcagctt	120
aagagactcc	aattcctgga	wgcvttcctt	aaagcaactc	ccrgcttgg	tctgagtcct	180
cttcttwatg	ccagaagccc	cacatgtaca	cctgaactgt	ctgcttat		228

<210> 25844

<211> 239

<212> DNA

<213> Homo sapiens

<400> 25844

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aagtacagtt	tgtcagggtta	caaaatttgt	tcttctaaaa	ttaacatttt	gttaaaaactg	120
aattggactg	accttaagaa	aataaaagca	gggtgtttta	aatgtctctt	ctcttccatc	180
taaaacaaaa	cttcttattc	attaataatt	tttgggtttg	taatagtaga	cggacatta	239

<210> 25845

<211> 225

<212> DNA

<213> Homo sapiens

<400> 25845

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aggttatcag	tgcaacattt	agatcacttg	agataagagt	aattcactat	caacaggtaa	120
gaggattaag	tcagttggca	ttgtttttct	gtgtaaaaga	aaaattgtat	gagattctat	180
cataaagtgt	gtaaaatgta	acaaaagtta	gaataagtaa	aagct		225

<210> 25846

<211> 110

<212> DNA

<213> Homo sapiens

<400> 25846

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aaccttttcc	cggttttttt	gttttgttt	tgaggagtct	cgctctgctg		110

<210> 25847

<211> 393

<212> DNA

<213> Homo sapiens

<400> 25847

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gtggagacag	ggtctggctg	tggtgtccag	gmtgggctca	aactcctggg	ctcaggtgat	180
cctcttgctt	cagattccca	aagtgttggg	attacaggtg	tgagccactg	tgcttgccca	240
gtttacaaaa	ttttaagtct	tatttctaga	gacttatcta	aagacactgt	tgtgtttaca	300
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393

<210> 25848

<211> 98

<212> DNA

<213> Homo sapiens

<400> 25848

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agtgccatag tttctttttt tttttttttt tttttttt 98

<210> 25849

<211> 314

<212> DNA

<213> Homo sapiens

<400> 25849

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tctggagaac tamtgttcag ccaccttggg catggcatct aaatgtacag tatcgagagt 240
gtgatagcct tccctggaaa caagaactaa ggtccataaa tcraatctca agtcaagagr 300
agaaagccgt cact 314

<210> 25850

<211> 120

<212> DNA

<213> Homo sapiens

<400> 25850

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atcaactgcc caggttccaa atcccactca caacctacat tcattaagta cactctgaat 120

<210> 25851

<211> 274

<212> DNA

<213> Homo sapiens

<400> 25851

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ataactctac acatttactc tccccattt tatgttttga tgtcaaaatt tatatcattt 180
tctaatttgt atccctgac aattgtagct atggttcttt tgatagattt gtctattaac 240
cactgcacta gnncataaaa ttgcttcaca cacc 274

<210> 25852

<211> 199

<212> DNA

<213> Homo sapiens

<400> 25852

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ttgaagacgg aagcttttgg ttcatatcca aatttcaatt cagatttttt ttttttacia 120
aagccaatat atcagccaat ttttagcgam atcctcttaa atcatkkgga tatttaagt 180

aatgtaaaat gccacctt 199

<210> 25853

<211> 177

<212> DNA

<213> Homo sapiens

<400> 25853

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cctcctatct	agaatgtccc	ctgcttctag	cctcaccaga	cccccaagc	tcccactact	120
tcttccataa	taatagtaat	aacaatggtt	atcatcatcc	cctgcacatc	ccgcctt	177

<210> 25854

<211> 200

<212> DNA

<213> Homo sapiens

<400> 25854

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aaacaaatca	aagctcatga	tggcagtgtg	ttcacacttt	gtcagatgag	aaatgggatg	180
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<210> 25855

<211> 142

<212> DNA

<213> Homo sapiens

<400> 25855

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aaaggcttta	gtagtagtag	ttgttgtcat	ctgtaagatg	gttaggatgg	gtttttctca	120
aatacctaaa	acaagggtac	ag				142

<210> 25856

<211> 445

<212> DNA

<213> Homo sapiens

<400> 25856

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tttgacgtg	gccggacaaa	ggactttgct	tctgccagca	catctgtctt	cagatatgag	180
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cactcgtgac	aaactagctg	gaagaatgac	aaccaatcag	gttccaagca	ccactggatg	360
tgaaccacag	aatttctctc	tctccttgtg	gaatgtcagc	ttacgtctga	caaaaaatgt	420
aaaactgaga	gagttacaat	cttaa				445

<210> 25857

<211> 287

<212> DNA

<213> Homo sapiens

<400> 25857

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cacatcagca	ggaatgtcat	ccacgccagc	gactccgtgg	agggggccca	gcgggagatc	180
cagctgtggt	tccagagcag	tgagctggtg	agctgggcag	acgggggcca	gcacagcagc	240
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 <213> Homo sapiens

<400> 25859						
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ccatggggat	tacatgaaat	atgctaaaagt	tagaacgatt	tattttaaac	ttaaaacaac	120
ctcaattgca	tataaaaact	caactccttt	acagcaccac	ta		162

<210> 25860
 <211> 353
 <212> DNA
 <213> Homo sapiens

<400> 25860						
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tcgctgtaca	caactttcta	ccgtttttta	tagatttcct	ctcttcattc	cttaaatctt	120
ccatttttct	tgagttctgc	cctaactctc	cttcttgtct	caatctgtac	tcctgagtta	180
tttcatctgc	ttccgtgagt	acaaatatca	tctgtgtgct	gagaactctc	tggccaaaat	240
ctgcagctgg	atctctctgt	aagctccaga	tatgtatcta	tcatttttagc	ctgcagtctt	300
catagattgg	cccataggcc	cacaaatgca	acagtttcag	acagaaccca	agg	353

<210> 25861
 <211> 225
 <212> DNA
 <213> Homo sapiens

<400> 25861						
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agtaaaaacc	ccaacagaga	aagcactcca	tcagccacca	catttgggggg	aaagtgcatt	120
gtgaaagtcc	gtaaatcagg	agttagaaaa	ttagttttta	acttattttc	tcattttaaaa	180
acatggattc	agattttctaa	gggagtataa	agtgtgacaa	agcca		225

<210> 25862
 <211> 150
 <212> DNA

<213> Homo sapiens

<400> 25862

caatagagaa	gagcaaatgt	agtttaaaaa	ttacaaaatc	taaaggwwac	caagaaagaa	60
gagagaacaa	agagacaaat	atagaaaatg	cctattat	ttt tagaagcata	aactcsaawt	120
cagaataaca	ttaaatgaaa	aaggaccttc				150

<210> 25863

<211> 324

<212> DNA

<213> Homo sapiens

<400> 25863

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cctccacccc	gctggaaatc	ctgttctttc	tgaacgggtg	gtataatgct	amctatttcc	120
tgctggaact	tttcatat	ctgtataaag	gtgtcctgct	accatatcca	acagctaacc	180
tagtactgga	tgtggtgatg	ctcctccttt	atcttggaat	tgaagtaatt	cgctgtttt	240
ttggtacaaa	gggaaacctc	tgccagcgaa	agatgccact	cagtattagc	gtnnccctga	300
ccttcccac	tgccatnntg	gcca				324

<210> 25864

<211> 430

<212> DNA

<213> Homo sapiens

<400> 25864

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ctgtgagggtg	gaaaatagaa	cttttaagca	atgaacttgg	atatttagct	gaggaaattt	180
ccaagtaaag	tgtaggattt	gttatctggt	ttctccttgc	tttttagagt	agaatatgag	240
aggaaagaga	taaagtgagt	aaggagctgt	taggttaaaa	gcaaccagag	chnngatgat	300
ttggannatt	ctcaggctat	tacaaaaagt	gatatagctt	gctctgggga	ttaccagag	360
cagagacaaa	cttttgctgg	gaaggtttagg	tatgtaactc	atggatccaa	tcaatcatct	420
aagcagaagc						430

<210> 25865

<211> 250

<212> DNA

<213> Homo sapiens

<400> 25865

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aaagtgaag	caggctttac	aatgatcagg	ccaagggccg	ggcacgttgg	ctcacgcctg	180
taatcccagc	actttgggag	gccgaggcag	gcagatcacc	tgaggtcagg	agttcgagac	240
cagcctgact						250

<210> 25866

<211> 128

<212> DNA

<213> Homo sapiens

<400> 25866

gtcacatgca	acatttacgg	aaactggcta	gaagacagca	ggggaactcg	agaagttggt	60
------------	------------	------------	------------	------------	------------	----

tggttttcagc agattaaaaac aatacaggtt agtgcttttt gccccctgga aaacttttcg 120
tagccaca 128

<210> 25867

<211> 153

<212> DNA

<213> Homo sapiens

<400> 25867

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caagtcaccc atccgcctcg gccgccaaag tgctgggatt acaaacatga gccaccgmac 120
ccagcctcct tgattathtt cttccctcca acc 153

<210> 25868

<211> 192

<212> DNA

<213> Homo sapiens

<400> 25868

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tttaatttct aggagatgca tgggttaacta tcaggggtga catgccacta gatctgmara 120
tttaacttaa aatgggttcag agaaggctgg atgcggtggt tcamgcctgt aatcccagca 180
ctttgggagg ct 192

<210> 25869

<211> 217

<212> DNA

<213> Homo sapiens

<400> 25869

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ttccatgggtg gccggagcag cagcttacia tgaarratca gagactgggtg ctcttgagga 180
aaactatagt tggcaaattc ccattaacca caatgac 217

<210> 25870

<211> 121

<212> DNA

<213> Homo sapiens

<400> 25870

cacattttat tttgtattks agctgactgt atttatgtct tattttccct cctaggttgt 60
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c 121

<210> 25871

<211> 298

<212> DNA

<213> Homo sapiens

<400> 25871

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caacagggat ttggaaaaac cagcaagcct gtgtcaaaaa tgaggctccc cttgaatggg 120
gcttgagcta cagattcaaa cagcggcagt gacattttga tctccatttc ctctttttct 180

tgtgtctttt ctctgtgta cactgtgagt gtgggtgactg gggtttcccg tggttttact 240
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<210> 25872
<211> 184
<212> DNA
<213> Homo sapiens

<400> 25872
ccttgctcta ttttagttgt ttggaaaatg ttatcatata tgagaactag agattttcaa 60
acttcttggt cagtagagct ggctccagaa attgaattaa tatattttta tattatgaaa 120
tatctcaggc atatttaaaa aatcacaaat aatatttaac atcatgtact gacaaccag 180
ctca 184

<210> 25873
<211> 148
<212> DNA
<213> Homo sapiens

<400> 25873
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ggctgttaat ttccagttat ctgtatggct tccctcctct gcttaactct cctgaataag 120
gttcccagga gtctactttt cactgcct 148

<210> 25874
<211> 197
<212> DNA
<213> Homo sapiens

<400> 25874
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ctcccatgag tgcacattgg agtttttcca gacatgtgat actgcaaaag attgaatgca 120
aaagtatata ttggggtgca gctgttggtg ctcaagctag acattaaaga aatttgcaaa 180
gatgtaaaac agtgcct 197

<210> 25875
<211> 133
<212> DNA
<213> Homo sapiens

<400> 25875
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ctctgatcat ttagttctat ctatttagaa atatgtaaaa ctggattttt ttttargata 120
atatgtgacc caa 133

<210> 25876
<211> 238
<212> DNA
<213> Homo sapiens

<400> 25876
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ttccatctta tggctgagta gtattccatg gtaaatattt ataacacact ttctttatcc 120
acttactgat ttgatgggma tttaggctgg tttcaaattc ttgcaattgc atattgtgct 180

gctataaaca tgcgtgttca agtatctttt tcatataatg acttattttc ctctgagc 238

<210> 25877

<211> 168

<212> DNA

<213> Homo sapiens

<400> 25877

ttcgatttat ggctgtagta aaacattgtg atctaggagc cacatattag gagggacatt 60
agcaaataag tctatgatgt cagagatttc gaaaattata tggaatgggt gaaaaaaaaat 120
catatggaaa tggwaggcac tatttgacct aaagaagaca tgaggggc 168

<210> 25878

<211> 98

<212> DNA

<213> Homo sapiens

<400> 25878

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ctttttgata tgctgttga tttactttgc cagtattt 98

<210> 25879

<211> 127

<212> DNA

<213> Homo sapiens

<400> 25879

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aataaagcct ttgtatcttt ctttctctaa tggtgtatca tactcttcta aaacttgagt 120
ggccgctc 127

<210> 25880

<211> 167

<212> DNA

<213> Homo sapiens

<400> 25880

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tttcaattct aagtctagat agagattata tttatcctat tttggatgca tgtgtttcat 120
gattctgcat tttgtctttc atgagatcta gaagtttctg agcccgct 167

<210> 25881

<211> 224

<212> DNA

<213> Homo sapiens

<400> 25881

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gtatagatag gtgtctctgt caatggata tgtatctttt ggtttaaaga ttcgkcattt 120
caaattcaga cttcaagttt agaaagtgt atatacatgt ggtagataa atatttgaha 180
gaaaaaaaaa caaagcgtga ttctcccat tccctgcccc ccca 224

<210> 25882

<211> 232

<212> DNA

<213> Homo sapiens

<400> 25882

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ttggctttca	ttacttcac	tttaattatag	ctttgtatgt	tactcttatt	taatataatc	120
tctattgtat	tgatttcttc	tgtattttacc	ttttggattt	tgtaaaacag	aagtttaagr	180
scacaagtta	gaagaaaggt	cacatatttc	aaacacaact	agatggggct	tg	232

<210> 25883

<211> 333

<212> DNA

<213> Homo sapiens

<400> 25883

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ctgatgtttc	ccacaaacac	tgtgttakgc	agataatgaa	gttttcgctt	ccatcggtgt	120
tcctctctgg	cmacgttagg	tgagggggtt	gcttttagctt	tgggtatcct	cttcccttgg	180
ataccagag	atggtcatta	gtaataattt	tgtgtcttgg	ctggagatgg	aaacaattag	240
ccaacagaag	agaccagtct	tctagagttg	caatctggag	gacatctttt	gctttgaaaa	300
gatacaatta	agaatctgca	aacgatccgc	cgt			333

<210> 25884

<211> 131

<212> DNA

<213> Homo sapiens

<400> 25884

attcatttrr	ttatgcttct	gactttactt	gttctcccta	ggggaatatc	agttatgcgt	60
gcttagtaaa	gttgtgttat	kttccaagat	gavaamtgc	rtatatttva	gartcatttr	120
tcaagggcgg	c					131

<210> 25885

<211> 108

<212> DNA

<213> Homo sapiens

<400> 25885

taaaaataaa	gagattttcc	tgagagaact	gatttcaaat	tttgtctttg	tacagggttg	60
tttcttcaaa	cggaacctga	aggagaagat	ggaggctggc	agaggtgt		108

<210> 25886

<211> 146

<212> DNA

<213> Homo sapiens

<400> 25886

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ctactctgca	cggaataacc	tgtggatttt	gatgtttccc	tgaccctggg	ttcaggccag	120
tctctacca	gggcagacc	cactaa				146

<210> 25887

<211> 206

<212> DNA

<213> Homo sapiens

<400> 25887

ataagtgnnc	catgttagga	aagccatccc	ttcatcattt	aagaaaatgg	agcagcatgt	60
tatcttttac	ttagttgtag	aaaatcaaga	tcctctcata	ttatagcaag	gttttagaag	120
accctccara	aagtarrggt	atgtaactca	gtgcatagta	ttagataaag	ctatactctg	180
ctactgtact	taatttgrta	cttttt				206

<210> 25888

<211> 240

<212> DNA

<213> Homo sapiens

<400> 25888

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atcttttctc	cattatatatt	cctatgctcc	ttttcaaaaa	tcagttgact	gtattttatat	120
gggtctgttt	ctgggttctc	tattctgttt	cttcatctgt	ttgtctaate	ttttgcagat	180
atcacactac	cttaattgct	atagctttat	ggtaagtcct	gaaatcaggt	agtgttagtc	240

<210> 25889

<211> 142

<212> DNA

<213> Homo sapiens

<400> 25889

aaaaataaaa	agaaaaggaa	gaaagagggg	aagtagaaa	atgatgggca	ggcagctgta	60
ggagtttttc	aagtgtctca	atgaagggaa	taaatggaaa	gattatcaat	agctattcca	120
aatttttctt	tccaatgggc	cc				142

<210> 25890

<211> 100

<212> DNA

<213> Homo sapiens

<400> 25890

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<210> 25891

<211> 275

<212> DNA

<213> Homo sapiens

<400> 25891

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gttaaagtct	taatgcgaaa	tagcaacagc	tggtcctgar	gagaggtgca	ataacaaccc	120
cttaacatgg	ctgatttggc	gcataatcag	ttgccctgca	gtgttgtag	taacagtcag	180
tgataatgtt	tgcaattcca	taattcagca	gtctttcctt	ggcaccagat	gagagcagtc	240
cttgcagtc	ggaatgagtc	atgtaatagc	agagg			275

<210> 25892

<211> 307

<212> DNA

<213> Homo sapiens

<400> 25892
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cctttgatca gtataatatt tttaaagttac tttgtcagak gcacaaaagg gtttaaactg 120
attcataaat aaatatctgt acttcttcga tcttcacctt ttgtgctgtg attcttcagt 180
ttctaaacca gcactgtctg ggtccctaca atgtatcagg aagagctgag aatggtaagg 240
agactcttct aagtcttcat ctgagagacc ctgagttccc actcagaccc actcagccaa 300
atctcat 307

<210> 25893
<211> 96
<212> DNA
<213> Homo sapiens

<400> 25893
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aattgacata tgattgtctt ttattgacag aaacga 96

<210> 25894
<211> 134
<212> DNA
<213> Homo sapiens

<400> 25894
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aaggagtcca attcatagcc taaaacttca aatgtattct taggagtcag attktamtga 120
aatattttac ccac 134

<210> 25895
<211> 182
<212> DNA
<213> Homo sapiens

<400> 25895
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gtagagacgg ggtttcgcca tgttgccag gctggcctcg aacgcctgac ctgaggtgat 120
tcatccgct tggcctccca aagtgtctggg attacaggcg tgaaccaccg cgcccacact 180
ct 182

<210> 25896
<211> 247
<212> DNA
<213> Homo sapiens

<400> 25896
cagacagcaa aaataggga attttgact taaatagttt tagctcaaag ggacctaaaca 60
tacttatata gaacattcta ttcaactgaa gcaagataca cattcttctc aagtgcccat 120
ggaacattct tcaggataga tcatatgtta ggccacaaac aagtcttacc aaatttaaga 180
agattaaaat tgtatcaa atcttttctg accacaatgg tatgaagcta gaaatcaata 240
actgrga 247

<210> 25897
<211> 182
<212> DNA

<213> Homo sapiens

<400> 25897

cactaaaaat aaacaagtaa aaaaagagga aattgtaaca atatatctta ttttaaccag	60
tatatctaaa atagtattgt ttcaacatgt agttcaacat ataaaaatta tgagtgaat	120
attgtacatt tttgtttctg agctaattga aatcagcatg tcgttaacac tgcagcacat	180
cc	182

<210> 25898

<211> 182

<212> DNA

<213> Homo sapiens

<400> 25898

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gtagagacgg ggtttcgccat tgttgccag gctggcctcg aacgcctgac ctcakgtgat	120
tsrtccgsct tggcctccca aagtgtctggg attacaggcg tgaaccaccg ykcccgwyct	180
ct	182

<210> 25899

<211> 183

<212> DNA

<213> Homo sapiens

<400> 25899

cccgggtagc tgggattgca ggcgcatgct accacgctt gctaattttt gtaatttttag	60
tagagacggg gtttcgccat gttggccagg ctggcctcga acgcctgacc tcargtgaat	120
ttcatccgcc ttggcctccc aaagtgtctgg gwtacaggc gtgaaccacc gcgcccgcacc	180
tct	183

<210> 25900

<211> 199

<212> DNA

<213> Homo sapiens

<400> 25900

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cccccgagg ggggtacag acatttgga atagtcttcta aaaatgcttc gcttccactt	120
ctcatctgaa aagaaatggc aagctttgcg ggggtggggag gtgggagcac ggaggacgaa	180
gcttgacgca ggggtgtg	199

<210> 25901

<211> 146

<212> DNA

<213> Homo sapiens

<400> 25901

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agacgacacg gccttggtgg atggcggagt ttaaggagaa gcctgaggcc ccgactgagc	120
agctggatgt cgcgtgcggc cgggtg	146

<210> 25902

<211> 386

<212> DNA

<213> Homo sapiens

<400> 25902

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ctgatcttac	aggtgaggtg	ctctattaat	t	tgtgccccat	tttcttcagg	attgatttta	180
atttctgagt	atagcataaa	tggcacatca	t	tgatttgact	tttgccatt	ccatcttcat	240
ttcaggcctt	ttctcctatg	tgcataatct	g	ctatagtgg	tacctatcta	cttggcaggt	300
tttctgcat	taatttttcc	tcattccatgt	g	tcttccac	acttgccttc	tatatggatt	360
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<210> 25903

<211> 100

<212> DNA

<213> Homo sapiens

<400> 25903

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<210> 25904

<211> 101

<212> DNA

<213> Homo sapiens

<400> 25904

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ccaatgtata	gtctttttatc	cctcaccct	cccgaccac	c		101

<210> 25905

<211> 193

<212> DNA

<213> Homo sapiens

<400> 25905

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gtctttgcat	ctctagcact	gctatagtgt	tctatcctta	gttatgaact	agataaataa	180
atggtggtgg	cag					193

<210> 25906

<211> 209

<212> DNA

<213> Homo sapiens

<400> 25906

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tggttgat	gtctgatccg	tccattcgta	agtttaaact	tagctgacct	aggttcaaag	180
ccacatactc	tttaaacaat	tgtcccaga				209

<210> 25907

<211> 84

<212> DNA

<213> Homo sapiens

<400> 25907

tctgccttgg	tgaggggaga	ggaagaaatt	ttacaggctt	tttattggcc	ggttattttt	60
ctgtgtgtcc	catacaggcc	cccc				84

<210> 25908

<211> 488

<212> DNA

<213> Homo sapiens

<400> 25908

agcgtcgtnv	cgaggccacc	cggaagacca	agccggcatg	gccgaaacag	aagccctgtc	60
gaagcttcgg	gaagacttca	ggatgcagaa	taaatccgtc	tttatttttg	gcgccrscca	120
gaaaccggca	gagtgtctct	aaaggaaatc	ctggagcagg	gcctgttttc	caaagtcacg	180
ctcattggcc	ggaggaagct	yatcttcgac	gaggaagctt	ataaaaaatg	gaatcaagaa	240
gtggtggact	ttgaaaagtt	ggatgactac	gcctctgcct	ttcaaggcca	tgatgttgga	300
ttctgttgcc	tgggtaccac	cagagggaaa	gctggggcgg	taaggaaggc	atatgtctct	360
ttcccttttt	gctggcabat	aatatcaagg	attcttttct	tgctcactct	ttttctttgt	420
gcctgttgcd	atgcttaaat	gtgaataagc	ctttattggt	taagattcta	tatgctgcac	480
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<210> 25909

<211> 250

<212> DNA

<213> Homo sapiens

<400> 25909

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actagagtaa	gttgagagkw	caaatacagy	agtagtcaag	tcttcatata	atcaaagctt	180
ttaaaatatg	ataacaaaaa	cttcagggtg	tagatttagc	ttcacggaaa	accttttttt	240
ggggggcact						250

<210> 25910

<211> 145

<212> DNA

<213> Homo sapiens

<400> 25910

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<210> 25911

<211> 256

<212> DNA

<213> Homo sapiens

<400> 25911

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tcagctgtta	ttagaacat	atctttgaaa	gaaaaagcaa	aagaaaaaaa	tacaatagt	120
atagtgttag	ctgttaactg	ctaataatgt	taactgcttt	atcaaaagct	tagaagatgc	180
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256

<210> 25912

<211> 136

<212> DNA

<213> Homo sapiens

<400> 25912

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<210> 25913

<211> 191

<212> DNA

<213> Homo sapiens

<400> 25913

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ggaatgggat	tckkgggtca	aatcgtagct	ctatgtttta	catttttgagg	aactgccata	180
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<210> 25914

<211> 207

<212> DNA

<213> Homo sapiens

<400> 25914

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rgtttctaga	gaacaacagc	catcatcagc	atctgaaaga	caggcccttc	gagcacctca	180
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<210> 25915

<211> 217

<212> DNA

<213> Homo sapiens

<400> 25915

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gtttaraaat	araaacactc	gtataccatg	agttaatctg	ggactatgcc	ccttcagat	180
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<211> 249

<212> DNA

<213> Homo sapiens

<400> 25916

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attggtctta	tcaatgactt	ttttggatat	gacacaaaaa	gcacaggcaa	caaagcaaa	180

aataaagtgg gattatatga cactaaaaag cttctgcaca gcaaaggaaa tagtagacaa 240
agagcgact 249

<210> 25917
<211> 134
<212> DNA
<213> Homo sapiens

<400> 25917
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aaaagagggg tccc 134

<210> 25918
<211> 94
<212> DNA
<213> Homo sapiens

<400> 25918
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tgggtgccttc tcgcacatta tctgtaacgc cccc 94

<210> 25919
<211> 95
<212> DNA
<213> Homo sapiens

<400> 25919
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tctccctcca gacaccctc ccaggctaac cctgc 95

<210> 25920
<211> 252
<212> DNA
<213> Homo sapiens

<400> 25920
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ctgaagttca tttccaagt cttctgggca gcaagagagg ggctttctct tgaagttttt 180
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atataaagga ga 252

<210> 25921
<211> 157
<212> DNA
<213> Homo sapiens

<400> 25921
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<210> 25922

004220" 66E750

<211> 182
 <212> DNA
 <213> Homo sapiens

<400> 25922
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<210> 25923
 <211> 225
 <212> DNA
 <213> Homo sapiens

<400> 25923
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 gctgggtgtg gtggctcacg cctgtaatcc cagcactttg ggaggccaag gcgggcggat 180
 cacctgaggt cgaggattca agaccagcct gaccaacgtg gagga 225

<210> 25924
 <211> 273
 <212> DNA
 <213> Homo sapiens

<400> 25924
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 agaaggcctg gaaattatca ccagaccaac tcaaaattac aaagcttttc agagtttata 180
 tcccttctaa gctatatgcc tacatgtaag tgtgcattca tctaaagaca tamgtgatta 240
 aacwctttg aatctataac taaggctctga gtc 273

<210> 25925
 <211> 220
 <212> DNA
 <213> Homo sapiens

<400> 25925
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 ctgactgtgt ggcttcaggt aggtctctta actttgttaa gctccagctt ctttaactga 180
 aattgggagt taagagtagt gtgtattcca cggggggata 220

<210> 25926
 <211> 233
 <212> DNA
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<400> 25926
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 agctttgcct taaatgcagt atgacaggcg cttcttgga gaccagtaaa aacaaaagcc 180
 catagacctt actcatccca aggmcgacaa gccagctgta magggcgarc cga 233

<210> 25927
 <211> 343
 <212> DNA
 <213> Homo sapiens

<400> 25927
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 attccccact agaatgtttg ctgatcgag atctctatgg atataattca tgcgctcgat 180
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<210> 25928
 <211> 189
 <212> DNA
 <213> Homo sapiens

<400> 25928
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 gagttcagtt ttttaagatt ccatatataa gtgagatcat acagtatttg tctttctgtg 180
 cmwggcgat 189

<210> 25929
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 <212> DNA
 <213> Homo sapiens

<400> 25929
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<210> 25930
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 <212> DNA
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<400> 25930
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 tctatgtaga atggatgctt aaactataat ttgtagaagc tgaaatggaa aatgggcctg 180
 aggtgtttcc tggttaattag ctgtcctgcc tttccatggc tggttgctta gaaatgacag 240
 tttgtgccac tctgcgaaat tmcmtgamtg caaagcacc amtcamtgca ggagaccaca 300
 cgttgctttg tgaatcagtg ggggttgagg cagcaghtg ttttttttc tcagctttga 360
 tttgttggtta attgagcaag cwgttaattg agacgt 396

<210> 25931
 <211> 130
 <212> DNA
 <213> Homo sapiens

<400> 25931
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artagataat ctgaatggga ctataataaa taaagacact gaattagcag tcaaaaaact 120
tcacacacac 130

<210> 25932
<211> 145
<212> DNA
<213> Homo sapiens

<400> 25932
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cccaatacta taaagagggt tgccacatt ttattccaaa agttttaagt tttgtctttc 120
atcttgaagt ctaatgtatc agga 145

<210> 25933
<211> 278
<212> DNA
<213> Homo sapiens

<400> 25933
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atggcacctc atttggcttt gtgaattgtc acctcacctc gggaaatgag aagacggctc 120
ggtagggggg cgctttccca tggkctcttt acacccatcc cattcacctg aggcctgttc 180
ccgtcccat accctagccc atgacctcc cgcaggcctg tctccagaga cccctgctc 240
tcttatccca attcaagacc cttctgttcc tgaccac 278

<210> 25934
<211> 250
<212> DNA
<213> Homo sapiens

<400> 25934
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ggagaggatg ggcaggcatt taaaaagtac cttttttgtg gttgtttgga gcagggatgt 120
acaaaataat tttaatgtat taactcatac tgccctgtctt ttatagggga aaaaaataac 180
cttttttatt ttaaagttat aagggttttta ctttttagtt gcttggatga cagggaatta 240
gectagcccc 250

<210> 25935
<211> 292
<212> DNA
<213> Homo sapiens

<400> 25935
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cactctagca tatttgtcta ggcaaagatt ttatggctaa gaccctaaaa gcacaggctg 120
caaaacaaaa aatagacaaa tgggattatg ttaagctaaa aagcttctgc acagcaaagt 180
aaacaacaaa gtgaagagag aaccggttga atgggagaaa atatttgcaa aatatctgtc 240
tggtgacaag rractaatat ccataatata caattccaac aactcaacag cc 292

<210> 25936
<211> 253
<212> DNA

004220 "666E150"

<213> Homo sapiens

<400> 25936

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ggagaatcat	ttgagcccag	gaggtcaagg	ctgcagttag	ctttgatcac	accactgcac	180
tccagcctgg	gcaacagagc	aagaccccat	cctccacccc	cccaaaaaat	agaaagawaa	240
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<210> 25937

<211> 118

<212> DNA

<213> Homo sapiens

<400> 25937

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<210> 25938

<211> 129

<212> DNA

<213> Homo sapiens

<400> 25938

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tttaatttgt	ccgaagatag	cgtgctctct	tcttactcat	ttgccatcat	tacgaggaaa	120
acaaacctt						129

<210> 25939

<211> 191

<212> DNA

<213> Homo sapiens

<400> 25939

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gggaggcaaa	agacacttct	tacattgtgg	caagaaaaaa	tgaggaagaa	gcaaaaagcag	180
aaaccctga	t					191

<210> 25940

<211> 191

<212> DNA

<213> Homo sapiens

<400> 25940

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tattgaatga	aaggggctca	gtatgggtca	ctgaggaaca	ccaagaaggt	agctacctta	120
gatggcatat	tgggaactgc	ttccttgtgt	cctagagaga	atacaaaacc	cacagctggg	180
aacatatgtc	t					191

<210> 25941

<211> 143

<212> DNA

<213> Homo sapiens

<400> 25941

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gcagaccgca gtgcccttgg cagtgcctat gagacggagt attgtcataa gaaatgagtt 120
gtcgaaacat cgtttgccct cag 143

<210> 25942

<211> 242

<212> DNA

<213> Homo sapiens

<400> 25942

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gctttttcaa caggggaatg aggaatgaca gatgaaactg cccttctagc aagtacagcc 120
ctggagtcgg aagactarac agcgggctgc caaggagggt cactgtgatg caggactgag 180
ctatgagagt gtcactgggg gcggagggga ggatctgggt gtgaacagta ttaaggagac 240
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<210> 25943

<211> 94

<212> DNA

<213> Homo sapiens

<400> 25943

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atattattat ttgcaattta attgagaagg ggat 94

<210> 25944

<211> 169

<212> DNA

<213> Homo sapiens

<400> 25944

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aatattctgc ttggccaaca acttacggtg ccttcagtta tttaatatat aatcagatat 120
tcaaagggtt aaaacaatat tttcatctta gtttataaat atgaggccc 169

<210> 25945

<211> 203

<212> DNA

<213> Homo sapiens

<400> 25945

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tgagacaca taaagagaaa agtgcaccac tataaattca tgcccttcag tgaattttct 180
ttaagtaa atcatccacat gtc 203

<210> 25946

<211> 145

<212> DNA

<213> Homo sapiens

<400> 25946

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accacctcat ggagaccccc gcggccgccg cccccgctgg gagcttattc cctccttcc 120
tgctcctggc ctgcgggacg cctct 145

<210> 25947
<211> 251
<212> DNA
<213> Homo sapiens

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cactgcaacc tctggctccc aggttcaagc gattctcctg cctcagcccc ctgagtagct 180
gggattacag gcacgcgcca ccactcccag atcttcactt caggtcagct ccaaggaggc 240
tattccttgcc c 251

<210> 25948
<211> 253
<212> DNA
<213> Homo sapiens

<400> 25948
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tcctttccac aaa 253

<210> 25949
<211> 148
<212> DNA
<213> Homo sapiens

<400> 25949
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gaaaatgttc atctcaaaaa gtcacatact gtatgattcc attgacatca catcctttta 120
gagatgaaac tgtagagatg gagagcaa 148

<210> 25950
<211> 318
<212> DNA
<213> Homo sapiens

<400> 25950
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taagctcagc cgcggccc 318

<210> 25951
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<212> DNA

004220" 666E560

<213> Homo sapiens

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<211> 145

<212> DNA

<213> Homo sapiens

<400> 25952

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<211> 196

<212> DNA

<213> Homo sapiens

<400> 25953

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tcaaagaacc agatttttgt ttcatattac ttgtgtattt ttgtgttttg ttttaatttc	180
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<210> 25954

<211> 179

<212> DNA

<213> Homo sapiens

<400> 25954

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<210> 25955

<211> 389

<212> DNA

<213> Homo sapiens

<400> 25955

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atcacttgaa cccgggaggc agaggttgcg gtgagccaag agcgcaccat tgcaactccag	360
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<210> 25956

<211> 363

<212> DNA

<213> Homo sapiens

<400> 25956

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aga						363

<210> 25957

<211> 235

<212> DNA

<213> Homo sapiens

<400> 25957

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accatcataa	acatgttggt	attgcattat	gcttctagag	gagacatcca	ccaatatttg	180
aaaatctggc	tggtccgagt	gcagtgggtgt	ttacaactaa	ttgatcacia	ccaag	235

<210> 25958

<211> 172

<212> DNA

<213> Homo sapiens

<400> 25958

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<212> DNA

<213> Homo sapiens

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<212> DNA

<213> Homo sapiens

<400> 25960

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 <212> DNA
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<210> 25966
<211> 104
<212> DNA
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<211> 402
<212> DNA
<213> Homo sapiens

<400> 25967
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caaccctgat	ctccggagaa ctgagcccat cttggagagc cccttgcaaga ggaccagcag 180
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<210> 25975
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<400> 25976
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 ctgcaatatt gaaaaatctg gaggatt 147

<210> 25977
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 <212> DNA
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<400> 25977
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 gattgagaat ctagaatctc taccaattct aataattcat aagtgtgaaga tttcaggttt 180
 ctatctagga atctgtgaaga gtcaaacatt tgccaccgcg 220

<210> 25978
 <211> 247
 <212> DNA
 <213> Homo sapiens

<400> 25978
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 ggataaacia aatttagcat atccaaatca tagaatatta ctgagccata aaaaggratg 180
 aagtactgat acatgctaca acacaaatga ccttgacagc attatacgat aatgtgaaaag 240
 aagccac 247

<210> 25979
 <211> 304
 <212> DNA
 <213> Homo sapiens

<400> 25979
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<210> 25980
 <211> 180
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<400> 25980
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<210> 25981

<211> 149

<212> DNA

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<400> 25981

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<210> 25982

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<212> DNA

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<210> 25984

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<211> 163

<212> DNA

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<210> 25987

<211> 319

<212> DNA

<213> Homo sapiens

<400> 25987

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<212> DNA

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<212> DNA

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<212> DNA

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<400> 25998

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7911

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 cang 364

<210> 26004
 <211> 399
 <212> DNA
 <213> Homo sapiens

<400> 26004
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 gcattttcac tcctgtctta ctgtcactta ctcttttttt tccccaccc aaagcagagt 180
 ttactcttg ttgcctaggc tggagtacaa tggagtgatc tctgctcact gcagcctccg 240
 cctcccgggt tcaggcaatt ctcttgctt agcctcctga atagctaaga ttacaggcat 300
 gcgccaccac gccctgctaa tttttgcatt tttagtagag acgggggttc atcatggttt 360
 caaactcctc agtcagggtg atccactcac cctgtctct 399

<210> 26005
 <211> 128
 <212> DNA
 <213> Homo sapiens

<400> 26005
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 gcgcgcgc 128

<210> 26006
 <211> 203
 <212> DNA
 <213> Homo sapiens

<400> 26006
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 ggctctggtt ggccgtggtg ggagttgcaa ttgcccttct tttcagtaac ttctgtggc 120
 atgagttgat tttgcttttc aagcatgaaa aacttctttt cagctcttcc cattggaaaa 180
 caattactaa cattgacctc cat 203

<210> 26007
 <211> 157
 <212> DNA
 <213> Homo sapiens

<400> 26007
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 gctcctcagc ccctttcaac tctacttcaa cccgctc 157

<210> 26008
 <211> 473

<212> DNA

<213> Homo sapiens

<400> 26008

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gtcctttggg	gaagggtgag	tgctggcaga	atttaattat	agacagatgc	attagtcttc	180
tgctcctgct	gtaaaaagaa	aaaaaaaaagc	cacaaactta	gtgggtttaaa	taaacagaaa	240
tttatcatcg	taaagtctctg	gagggtcagag	tgagttgagg	cgagcctgca	ggactgtggt	300
ccctctgcag	gctgtagggg	wggacgtgtt	tccttgccct	ctccactggt	aaaggccacc	360
cacatttstc	astgggggcc	ccttcgtctg	tcttgaaagc	acatcattcc	agcctctact	420
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<210> 26009

<211> 204

<212> DNA

<213> Homo sapiens

<400> 26009

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ggagacttgt	tcacacagca	gcagctggag	gtgctggacc	gcgtgtttga	gaggcagcac	180
tactcagaca	tcttcaccac	actg				204

<210> 26010

<211> 219

<212> DNA

<213> Homo sapiens

<400> 26010

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tcaattgwtt	cctttgckgt	gtagttaact	ttttagtttg	atgcaatccc	attttaaatt	180
aaaatttttg	ttttagttgt	ctgcgctttt	ggaggccat			219

<210> 26011

<211> 202

<212> DNA

<213> Homo sapiens

<400> 26011

gawnmaggag	aaaaaccgcc	ctgtggcggg	aggcgagaca	tggtggcagc	aatgctgctt	60
tattattctt	tattccactg	agatgtttgg	gtggagagaa	gcaaaaatct	ggcctamgtg	120
macgtccagg	catagtacct	ccccttgaac	ttatttgtga	cacagattcc	tttgctcaca	180
tgttttcttg	ctgaccttcc	cc				202

<210> 26012

<211> 115

<212> DNA

<213> Homo sapiens

<400> 26012

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ttgaagatgt	aattcttgtc	tctctgatcc	cctcgcgggg	gcaacacacc	aaaca	115

<210> 26013
 <211> 170
 <212> DNA
 <213> Homo sapiens

<400> 26013
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 atatcatgta tttttatgct caaattactg cagacttggc ctttgaaagg aacccttca 120
 aactgcagcc ttgatgtcct gggctccagc aatccccttg tcacagccca 170

<210> 26014
 <211> 140
 <212> DNA
 <213> Homo sapiens

<400> 26014
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 ttgctggaat aacaggattc agggagagcc aaaaggccat aaggttgaag ctatgcaaag 120
 ggtasmatta gaattccaga 140

<210> 26015
 <211> 197
 <212> DNA
 <213> Homo sapiens

<400> 26015
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 ctagatccag cagagttggt tctttctgag gtctgcaagg aagggcytgt tccatgcctc 120
 tctccttggc ttgtagaagg catcttgctc ctatgactct tcacattgtc tttatgtaca 180
 tctctgtgcc caacgaa 197

<210> 26016
 <211> 108
 <212> DNA
 <213> Homo sapiens

<400> 26016
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 ggaggttgca gtgggccgag attgtgccac tgactccag cctggcga 108

<210> 26017
 <211> 153
 <212> DNA
 <213> Homo sapiens

<400> 26017
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 tctggagctc atggatttgg tgatgtggaa acagctgtaa aatttgcaac tcagcttatt 120
 gacctgggag cagacattag tttgcggagg cgc 153

<210> 26018
 <211> 166
 <212> DNA

<213> Homo sapiens

<400> 26018

accagggaga	tcctctttta	tgacattggg	cctttatgga	atcaggcmac	ggacagccaa	60
gacgtagatc	catccaagac	ttgactgtaa	ctggaacaga	acctggtcag	gtgagcagta	120
ggtcatccag	tcccagtgtc	agaatgatta	ctacctcagg	accgtg		166

<210> 26019

<211> 158

<212> DNA

<213> Homo sapiens

<400> 26019

gattcartag	actctgaggt	tttccaagta	cattaaggac	ttaaatacag	aatgtcttaa	60
aatttttaggg	ctattgatca	agagaaagct	tctcgrggaa	taaagttctg	ttaggtttta	120
gccctattct	gctttcaaaa	ttcttaactg	gatgccgg			158

<210> 26020

<211> 225

<212> DNA

<213> Homo sapiens

<400> 26020

aattgamsgt	tgaagatggt	tgccaaaggc	agtaaattgt	attatcctga	gttataaatg	60
cagggagcca	tgggagttgg	gaggtgatgt	cttgtgaaat	catgcggast	actgcataat	120
gttcaggcca	tgagtgttat	ttatagattg	ttggtttcga	aagtatcttt	agckktgaaa	180
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<210> 26021

<211> 293

<212> DNA

<213> Homo sapiens

<400> 26021

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aggcaccaav	tgtgcatttt	tggtgtgtct	gaaaatcttg	atgtgctgtt	cggcacagat	180
ggagcaaaca	cgcagcaaac	taaggaccgt	cagtggcttc	ccattggctc	attgaacaag	240
ttaacaccac	tgcagtattt	tagttatttt	aaaaactaac	tttaaagaac	ccc	293

<210> 26022

<211> 219

<212> DNA

<213> Homo sapiens

<400> 26022

caatccaaat	aacattctas	tgartctccc	ctgattgctt	acttttaaact	caaagraaat	60
ataatcaagg	gaggacaaag	cacaagtata	atgaaagcag	gaagaaaatt	tccttttatg	120
ctcttgcatg	taattatata	gcaarrraca	gctttctccc	acctgctctc	cacctcagct	180
tcttaactag	gcaaactcct	acttgctctc	caagaaccc			219

<210> 26023

<211> 254

<212> DNA

<213> Homo sapiens

<400> 26023

gagagcmcga agtggtacat atggcagaaa ataaatgtct ctgattactt tgctaccttt	60
aaaaaaatct atatgtgttt gcaaaacagc ctagggggat ctaccaccta cacagcatga	120
attattcata agtcataggt gcacatgtat gagcaagtta tttttgagaa agaaactgcc	180
tataatataa taaacctgtc aggtctttgg gtattgttta atttgtgtgt tgttgctgtt	240
ttatctggac caga	254

<210> 26024

<211> 273

<212> DNA

<213> Homo sapiens

<400> 26024

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caagaacatt taatttgctt ttaggttttt gctgttacac acaaagctac aataagcaca	120
tcttcttctt gcacacctcc caccctagt tgccattttt ctatacagca aaaatactct	180
tggaaaatta taaatggtgt cacaaagaca ctgagttaac cacggctagc gagggtttag	240
acacctctgt gatcagagct catgacccgg gct	273

<210> 26025

<211> 186

<212> DNA

<213> Homo sapiens

<400> 26025

ataatatattg gaagtatttc attactaaca atctcagtag aacatgaaaa ttgttgcttc	60
tcatctaaaa tacaattttg tctatcagaa taaacacaag tgaaattttc acctacatta	120
acattatgtc tttgcagctt taggtttgtt agatgtgttc ttaagcataa tttttagcca	180
caaacc	186

<210> 26026

<211> 109

<212> DNA

<213> Homo sapiens

<400> 26026

taccgcaaat taaatctgtc taaatcaaaa ctcatctctt ttctttccaa actgctcttt	60
gctctagaga tagatccctg tatcagttaa tattattatc ctctcacac	109

<210> 26027

<211> 237

<212> DNA

<213> Homo sapiens

<400> 26027

aattttttgt attcttttag tacagacagg gtttcacat gttagccagg atggtctcga	60
tctcctgacc tcgtgatcca cctgcctcag cctcccaaag tgctgggatt acaggcgtra	120
gccatcgggc ctggcccarc cttttmaact catgagaaat gaagagctgg gaggggctgt	180
cccatgtcaa aggaactaag gcaccaccaa gcaccaccac acgcatcacg gggacat	237

<210> 26028

<211> 229

<212> DNA

<213> Homo sapiens

<400> 26028

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agattgtccg	tcattgcaaa	cgagtatata	ccactaattg	tatgcagtca	cattcccctc	120
ttcgttctgc	tccttcttat	tggtattttt	agagawaaat	acaaataacc	taatctgcta	180
aatactgtaa	ctccattctc	actgtkacat	tttgtaaatac	actccaact		229

<210> 26029

<211> 201

<212> DNA

<213> Homo sapiens

<400> 26029

aacagtgatt	ttttcttttg	taggaacctc	catattttaag	aattcccagt	agctactttt	60
tacccartat	ggcaggcatt	acattcatgc	cttaggatak	rttatagtga	ttgagtttct	120
gtttctaaac	atttttgatg	gaaagaatga	gtataagagg	cagttccttt	ttgcagctcc	180
acgccagggg	accagggtaa	t				201

<210> 26030

<211> 152

<212> DNA

<213> Homo sapiens

<400> 26030

actagtggct	ctgttgcatr	aacaccttcc	tggccaccca	tatgtccgca	gaagcgcaag	60
aagtttctctg	ataggcttgc	tgaagatgaa	ggggacagtg	agccagaggc	cgtwggacag	120
tccasggggac	gaagacagaa	gaagtagaga	ca			152

<210> 26031

<211> 196

<212> DNA

<213> Homo sapiens

<400> 26031

aaaaagaata	tttctatagt	ttgtaaaaaag	ttttcatgta	tatcatttaa	tagttagaag	60
aactttacaa	gtttcaagtt	tcaamtgaga	aaattgatat	tcagagaggt	tccaaggacc	120
agaaccatca	ttacttgta	aaaggcagag	tcctaagccc	agtatttgct	tctacttcac	180
tgtttggtgt	gtgcag					196

<210> 26032

<211> 56

<212> DNA

<213> Homo sapiens

<400> 26032

gtgtgtgtgt	taatttctac	atatttgatga	atgtcccaaa	ttttcttttt	tttttt	56
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<210> 26033

<211> 153

<212> DNA

<213> Homo sapiens

<400> 26033

aaagganctc ccgtctgtaa aatgcccgc acgtggggct ttcgtcagta gattccccctt 60
ccccacgagc cagagtcctc cagccagctg gcaggagcg ctccatctt aaacactttt 120
tttttgaggt ctgtttgtaa accactgcgt acg 153

<210> 26034

<211> 141

<212> DNA

<213> Homo sapiens

<400> 26034

aagagcagtt tcagtaaaat caaaaagcca gatttttagta ggctgaatga atgtgtggta 60
agaaagtga gacagcataa accgctgttt gactgtgaag atgggagaaa ttggtgggtt 120
acmaaaawaa gccactagtt c 141

<210> 26035

<211> 224

<212> DNA

<213> Homo sapiens

<400> 26035

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ttgttgccctc atctattgta tagctttctc atagtgaaga ttcccgctta attttttagct 120
gggtgcttgaa gtagtcatac tgagcttctt aatataatc ccttttaact taaagggtgt 180
cacactatgt atgttttttt tctattttca cacttaccga cctc 224

<210> 26036

<211> 304

<212> DNA

<213> Homo sapiens

<400> 26036

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tttcttactg gtcttttttc aaagctttta aaagctttt ttccagagca taagtgaag 120
atgcttctgt tctatatggt atacacatga tggtaaacac ctttgctttt tttcctagtt 180
tcattgagaa gcagattcag atttaattta ttcagaattt agatcgggat gtatgtttat 240
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tgca 304

<210> 26037

<211> 226

<212> DNA

<213> Homo sapiens

<400> 26037

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gaagtccctc ggcaactggc atgtgtaccc agcgggctcc ctgtgagtgt gcaccctgtt 180
acctcgtgag ctcamtgagg ctcacatggc ttgttaccat cccgct 226

<210> 26038

<211> 126

<212> DNA

<213> Homo sapiens

<400> 26038

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gggtagtccm wggtcgcmwc cgctcttcgc ccaaaagggg atgcagctcc gggaaacaag 120
tgaatt 126

<210> 26039

<211> 153

<212> DNA

<213> Homo sapiens

<400> 26039

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aaagggttcca gttttgtctg aaaattctga ttaagcctct gggccctaca gcctggagaa 120
cctggagaat cctacacca cagaacccgg cag 153

<210> 26040

<211> 156

<212> DNA

<213> Homo sapiens

<400> 26040

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tgtactcttg gtggctagtt tttgtcaaatt ctttttttga atattgctta aatgttttga 120
ttttatgata gtgaagcttg tattcagtggt tttgcc 156

<210> 26041

<211> 118

<212> DNA

<213> Homo sapiens

<400> 26041

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gvagaaaaaa tattckgttg tgtctcatatc agtgcttagg atgtctttca cagagcgc 118

<210> 26042

<211> 166

<212> DNA

<213> Homo sapiens

<400> 26042

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tcaactgcaac ctccgcctcc caggttttca agtgattctt gggcctcagc ctaccgacta 120
gctgggacta aagggtgcgt ccgacactcs cggctaattt ccggcc 166

<210> 26043

<211> 388

<212> DNA

<213> Homo sapiens

<400> 26043

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caggaattcc agcatccagc ggaaattcag agaaccatgg cccctgagta attcctctga 120
aggaaacgta gtcaagaaaag actaattaat ttatacctac tccttcagct ccagcccggc 180

acttaattag taccttagtg gtttcaacga atgaatatgg gaaagagtga gagaaggagt 240
gaagcagaag ttagccctcc aaagctatgc ttctcgtccc caaactatca cccctccac 300
gctggggagg agcatgtggc tgtcccagca cctgcggact cttctggcat tttgtaggtg 360
agggctaagg atgctataga tcctgcac 388

<210> 26044
<211> 165
<212> DNA
<213> Homo sapiens

<400> 26044
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caagtctaaa acccacgtgt ccagactttt atagcacact actctctaata tctgatttta 120
aaaataatgt tatttcggta tatggtgtga atttgtccag gtagc 165

<210> 26045
<211> 147
<212> DNA
<213> Homo sapiens

<400> 26045
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ctgggcttcc tgctgcttca ctctggggag gcagcacaka gtggttgta cggggaasgt 120
tttcctaagt gctgtkaatc caccctt 147

<210> 26046
<211> 364
<212> DNA
<213> Homo sapiens

<400> 26046
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ttccatgtc atattttgaa attcacaat cactgtatag tccagggtcc tkagtaarkg 180
rstaaaatgc gattagtact ggaaccagaa aaactgcaaa tttcctaata gtcagaggga 240
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aaatggtttg tgatgatgca ttgataaaat atttttttga gaggatgggg gtaaggatct 360
atta 364

<210> 26047
<211> 377
<212> DNA
<213> Homo sapiens

<400> 26047
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tatttcacta tatgtatgtt taattgatta attcttcctt ttttttgga atgaaacagc 180
actctcaatt attgggacag aaaagttatt tcatagggaa tacttcaaac actgatatt 240
acaacaggca gtaagattcg tcacaacaat tggatatactg tcaatatatacc atacraagtt 300
ccatctggtc ttgattaara attatttttag ttttctcagg aaaatgatac agaggagaa 360
ttgcctagat tatatga 377

<210> 26048

<211> 360
 <212> DNA
 <213> Homo sapiens

<400> 26048
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 tgggtgtcat gtatttgggt ggatmsgmsg tgaaatctgt acacaagtag agggkgttg 180
 gtgggggtgg gaagaagaga ggtcatctct tatcatgggg aggaaggtag aggaatggga 240
 acaagtgcag ggcagctgta ggtttgagg tggaactgg cagtttgtgg tggagtggtg 300
 aggaccttct cttctgggtg cttgtttcct cagttgaaca caagattatg ggctgagaga 360

<210> 26049
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 <212> DNA
 <213> Homo sapiens

<400> 26049
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 aactgagaaa taggaagtac ttattagtga tacagatctt ggttggtaca ggacacactg 180
 catttagtct caaatatgct gtaggttagg aaaatgaaaa tacggcctga aatgtgcatt 240
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 tatcaaatag tttatggcca ttgccctggg tctgtctgat accaggctaa ccaattgcc 360
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 acggagactg ggtcatctgg ac 442

<210> 26050
 <211> 440
 <212> DNA
 <213> Homo sapiens

<400> 26050
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 ggccctacaa attaatagtc tcaccctgct tgtagttag gactagagga catgattgat 120
 aagtcacatt tcatgtctaa ttcaccctct gtattaatta tggaagctag acccagggt 180
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 aattttggca tgcaatggct gttctttcca gagggatctt tcttagggka cgttctgtct 420
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<210> 26051
 <211> 140
 <212> DNA
 <213> Homo sapiens

<400> 26051
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 <211> 375

<212> DNA
<213> Homo sapiens

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gttaagatca ctggtgagcc atatgcagaa gaatgaagct agaaccctac attttaccat 180
atatgaract gaactcaagg tggatcaaat atttaaattgt aagacctcaa actgtaagar 240
tcctagaaga daacctatgg aacaccgttc tggacattgg ccttgggaaa ggatttataa 300
gtcctaaaag caattgcagc acwamacaaa aattgacvag tgggatccgg ctagactaaa 360
gagcttctgc acagc 375

<210> 26053
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<212> DNA
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tgatctccgt ggctatccct ttcactttcc ggtgaagtaa aggctttctc attactagaa 180
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<210> 26054
<211> 156
<212> DNA
<213> Homo sapiens

<400> 26054
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ttttgtgaga ataaaataag ttaattatgt gaatac 156

<210> 26055
<211> 263
<212> DNA
<213> Homo sapiens

<400> 26055
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acatgtacag aacgtgcagg tttgttacac aggtatacat gtgccatggt gatttggtgc 180
actcatcaac ccgtcatcta ggttttaagc cctgcatgca ctaggtattg gtcctaattgc 240
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<210> 26056
<211> 137
<212> DNA
<213> Homo sapiens

<400> 26056
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tatacttagc cagttga 137

<210> 26057
 <211> 346
 <212> DNA
 <213> Homo sapiens

<400> 26057
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 tggcaattta attttagctt gtttatcagt gagatgtacc catgtgattt ttttttcccc 180
 cctcaattct gatactagac acatacaatt tttttgtttg ttttaatgct ctctgagatg 240
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<210> 26058
 <211> 118
 <212> DNA
 <213> Homo sapiens

<400> 26058
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<210> 26059
 <211> 272
 <212> DNA
 <213> Homo sapiens

<400> 26059
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 tgctttacag gatcatgtaa atgctcaaag atgtaattga gttctttgtt cctgctttct 180
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 attgttttca acctagaaac ctttatccct gc 272

<210> 26060
 <211> 205
 <212> DNA
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<400> 26060
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 ccatcatagt tatgagaatg cctgttttcc tcatTTTTgc caactatgct gtcaagcttt 180
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<210> 26061
 <211> 415
 <212> DNA
 <213> Homo sapiens

<400> 26061
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cactgggtga	atgccagggtg	gtgtctacac	caggaggacc	tatattcatt	cctttggggc	300
ttttaatttt	agaagattct	agtaactgca	tgttattttt	tgtktttggt	tttgagagacg	360
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<210> 26062

<211> 287

<212> DNA

<213> Homo sapiens

<400> 26062

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gttgcccaat	tatTTTTcag	tagtattttt	ttgttttatt	taatttcatt	ttataagagc	180
agtgaattaa	gtacacatta	tggaaagttt	gcaaagggtg	cttcctgtca	ccctTTTTtt	240
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<210> 26063

<211> 355

<212> DNA

<213> Homo sapiens

<400> 26063

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ggcagTcttc	aaaggatatg	accagtysgg	gtaattcawa	ttaaacmagg	aaaagatttg	240
TTTggmagta	actggTgtct	ctaagaggaa	TTYtagatg	tcagTbtgga	ggctcTTTcc	300
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<210> 26064

<211> 234

<212> DNA

<213> Homo sapiens

<400> 26064

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accaaccagg	aaagacttca	ctgaagatac	catccacga	acacagatag	aaagaagkwa	180
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<210> 26065

<211> 153

<212> DNA

<213> Homo sapiens

<400> 26065

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<210> 26066

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004220" 666E7560

<212> DNA

<213> Homo sapiens

<400> 26066

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<210> 26067

<211> 443

<212> DNA

<213> Homo sapiens

<400> 26067

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tgatcttggc	tcaccacaac	ctctgcctcy	yaggttcaag	cgattctctt	gcctcagctt	180
cctgagtagc	tgggattaca	gggtcttggt	ctgtcaccca	ggctggagtg	cagtggcatg	240
atcaactgctc	actgaagcct	caacctccca	ggctcaagaa	atcctcccac	ctcagtcttc	300
caaggagctg	gactacagat	ggwyaccacc	atgccagct	aatttttgta	tttttactag	360
agatggagat	ttcaccatgt	tgcccaggct	ggtctogaac	tcctgagctc	aagtgatcct	420
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<210> 26068

<211> 344

<212> DNA

<213> Homo sapiens

<400> 26068

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taaaatggaa	tagattttacc	avaaataaca	gtttaatcca	tttctgtaa	ctcataaggt	180
tcccgatgaa	atcaagcttt	tccattcctc	actatgactt	atgaaactgg	ttaatctagt	240
gtctgaykat	acatttttta	tattatagaa	cattagtaca	tttgacagar	gtgactgctg	300
aggygatttc	tttagaaaga	saacatagat	gataatagcc	cgct		344

<210> 26069

<211> 73

<212> DNA

<213> Homo sapiens

<400> 26069

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<210> 26070

<211> 392

<212> DNA

<213> Homo sapiens

<400> 26070

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actgggggaa	ctttagacat	ccttaaaatc	acatgagata	gacagtcatt	tgggggtgtct	180

gaaataaacc accccaaaac ttagtgtaa aagagcaacc waaaaaaatt tatgtgagat 240
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 tatgtatacc ataaatatat arrattttat caacgaaatt cataacaatc tctcagacca 360
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<210> 26071

<211> 140

<212> DNA

<213> Homo sapiens

<400> 26071

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 attaattaaa aagtaactta ctcagaaatt ataaaaatag cagacatcaa taaaatacat 120
 tctacacaga atacgccac 140

<210> 26072

<211> 139

<212> DNA

<213> Homo sapiens

<400> 26072

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 attgagaaca ttccaattct ggaaagatga agctgcctgc agctgtcaca tcagacatcc 120
 agatgtcaaa ccgagcgct 139

<210> 26073

<211> 403

<212> DNA

<213> Homo sapiens

<400> 26073

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 gctgggcatg gtggcccatg cctgtaatcc cagcactttg ggaggccaag gcagtggatc 180
 acttgagccc aggagttcga gaccagcctg gggaatccgc atctctacca aaaatatama 240
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 akgatcactc aagctgaggc tgcagtsagt tgtgatcgtg ccagtgcact ccagcctggg 360
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<210> 26074

<211> 125

<212> DNA

<213> Homo sapiens

<400> 26074

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<210> 26075

<211> 123

<212> DNA

<213> Homo sapiens

<400> 26075
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 cat 123

<210> 26076
 <211> 297
 <212> DNA
 <213> Homo sapiens

<400> 26076
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 aagggtgagac aaaaccttag gaaggctggc agtaaaccctc tggagtattt tgccagatta 180
 ctgtgacagt ggcagaatga ttttgtgaaa gccacatgcm gtctgaagtt tggaaatcta 240
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<210> 26077
 <211> 189
 <212> DNA
 <213> Homo sapiens

<400> 26077
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<210> 26078
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<400> 26078
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 agtgagaaaa gtgcttctct tcctttcctt tgaatactta gaggtgttt taggattatt 180
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<210> 26079
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<400> 26079
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 ggttattaga gaatctcta tgttactctt taatcctctg tgtattttcc tgcctttcct 180
 ctggaattcc taagaactct tgaggagaga attagccctg t 221

<210> 26080
 <211> 187
 <212> DNA
 <213> Homo sapiens

0044220" 666E756D

<400> 26080
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tgtaattttg tatectttaa cacatctctc cctattcctc ccttctcct acgcttccta 180
cccgcga 187

<210> 26081
<211> 166
<212> DNA
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<400> 26081
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ctccagcctg gccacagaac aagactccgt ttcaaaaaaa aaaaaa 166

<210> 26082
<211> 148
<212> DNA
<213> Homo sapiens

<400> 26082
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gtcgactcat gtatctaaac atgtagcc 148

<210> 26083
<211> 161
<212> DNA
<213> Homo sapiens

<400> 26083
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aaagaaccaa agaaaaagaa aagtcaccat cgacagggtta agtctgcmmt gctacagcta 120
aacagtgact tcttaggacc aagaaatcgc agccagggcc t 161

<210> 26084
<211> 409
<212> DNA
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<400> 26084
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<210> 26085
<211> 108
<212> DNA

004220" 666F560

<213> Homo sapiens

<400> 26085

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<210> 26086

<211> 167

<212> DNA

<213> Homo sapiens

<400> 26086

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tatgtaattt gggacttcca atggctaata gaccccaaaa tatgtaatac aatgttcagt 120
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<210> 26087

<211> 173

<212> DNA

<213> Homo sapiens

<400> 26087

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<210> 26088

<211> 252

<212> DNA

<213> Homo sapiens

<400> 26088

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tgtgtttaat gcaaaacttt aaaaagaaaa acaactgtta tgtgactgtt aacttgctct 180
gcattttatg tgccacaggt atgaaagggtg acattgcaaa atactccgct cttctcgag 240
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<210> 26089

<211> 118

<212> DNA

<213> Homo sapiens

<400> 26089

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<210> 26090

<211> 197

<212> DNA

<213> Homo sapiens

<400> 26090

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 gacttgca gtaatt 197

<210> 26091
 <211> 151
 <212> DNA
 <213> Homo sapiens

<400> 26091
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 gttcagatgc agagaagttt tagggaaaag g 151

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 <212> DNA
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<400> 26092
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 caaaaatcaa agagataagg aagaaatctc tgagagatag tcttattctt ctgcatgtgg 180
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 ttctgttcca tttgtccatg tgtckrtttt cttgcmagta ttatgggtcat ttggttacta 360
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<210> 26093
 <211> 213
 <212> DNA
 <213> Homo sapiens

<400> 26093
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<210> 26094
 <211> 336
 <212> DNA
 <213> Homo sapiens

<400> 26094
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 gaagtaagt gacggatagg cagtttagcaa caattaagtt attcttttac tctgttgctt 240
 ttgggaatca gaagtgaatg gttttatctt aagtaccaat ggcttacata agattctagc 300
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<210> 26095
 <211> 475

<212> DNA
<213> Homo sapiens

<400> 26095

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tgcacagag	cagcacctgc	tgaggccaag	aacggaggtg	gctgctgccg	gcctccggga	180
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tatctgccta	tttttctttt	aaacatgttt	cttaggttat	tcactagart	ttgagaacca	360
ctgctttgtg	gctttgaaat	gttcatttga	atttttctat	gattactaag	atTTTTgccc	420
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<211> 197

<212> DNA

<213> Homo sapiens

<400> 26096

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cgccccccagg	ttcgactgat	tctcgtgcct	cagcctcctc	agtagctggg	attacaggat	120
ggagagtara	dgaggtaaag	gaggactctg	atgcctcagc	catgcgcctg	tgtgccgatt	180
cccattaagc	ctgcacc					197

<210> 26097

<211> 189

<212> DNA

<213> Homo sapiens

<400> 26097

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caccctccag	atataaaacc	cctctactgt	gtcccagcca	gcatgacct	gctcttccag	120
gagcttgccc	acaagaaggg	gagctttctg	gagggcagtg	aggtccgaac	gatcgtcatt	180
aactacgcc						189

<210> 26098

<211> 235

<212> DNA

<213> Homo sapiens

<400> 26098

catttaacat	ggtttattga	gatcttatgt	gtcaggcaca	gtgacatatt	aatatccata	60
ttttgcagg	aaaaaaacaa	attcagaaga	cttaaaaaac	ttgcctttga	tcacatagct	120
aatcacatag	ctaataagt	aaagagccaa	attaaaaaga	atttatttaa	cttttaagtt	180
caggggaact	tgtatcatgg	cggtttcttg	tacagataat	tttgtcacc	aggta	235

<210> 26099

<211> 339

<212> DNA

<213> Homo sapiens

<400> 26099

tgggaaagta	atagtagctg	cctgactgat	tattaggcat	aaggaataat	agaattatga	60
atagtgaggt	aagacataaa	tggcttctgt	agtacttgac	acatgggtatt	ctctaagcaa	120

ttgataataa atagtaaaag gtagttctta ttgctgcagt aatcgtaaata gaaaattaat	180
gcctgaagtt cagtggtagc aaagggactg gaaagaaaat atcaaatgaa caaagggtag	240
ataagtagac cccataagtg cttagtact gatgtggtgt gggatttgca gtaaggaggc	300
tcaccaagat gacgagcctg gccaagcata gagggcctc	339

<210> 26100
 <211> 248
 <212> DNA
 <213> Homo sapiens

<400> 26100	
gttcaggca atatcactgg agtattttatt actctgagga aatgcctttg ataaggacag	60
ggttggtagc ttcaatacct cctcattcc ccaatcattt gcaaaatcca gtcacttttg	120
cttctgaata actctcaaact ctatcccctt ctttgctaag attcaagcca gcagccccc	180
cctagactaa agcactagcc tctgcagcat ctctgggatc cctgcatttt cctcattcag	240
cagccagg	248

<210> 26101
 <211> 307
 <212> DNA
 <213> Homo sapiens

<400> 26101	
agaagaaaag cagcaacact gatacttggtg tgcacctgat ttggccaata ggatcaacag	60
tgaaaagaca gaagaggcaa taccagcagt cccattaca gtctccacct cccgtcttc	120
ctctgggtgc caaatgatgg gaagatgagc ttcatctgac catttcttct cctgtctcc	180
tgttcccctt cccagttaaa caggtttagat tgaaggccct tgctgtattt ctgtagagct	240
aagcagccct tagaggaaaa cagttcaact ctgactttcc tagtngtttt tttattgaga	300
gccactc	307

<210> 26102
 <211> 120
 <212> DNA
 <213> Homo sapiens

<400> 26102	
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tgcacacttt gataagtttg gaggtaaatg catacatact catgaaacca ctgccaccag	120

<210> 26103
 <211> 238
 <212> DNA
 <213> Homo sapiens

<400> 26103	
atagggttat gggaagaatt aaacaatatg tgtaaagcac ttactagcac actgcctaac	60
acaataagtt agaaatataa tttgtgtaga actctgacaa catacattha aacagatgtt	120
agtaattctg gtataagggtt ttgtcatagc caaatggaaa ttagggaaac atttataatg	180
ttcttaaaaag atagaaaatt cacctccatt ttctttgtac ttgaagatga caccacgg	238

<210> 26104
 <211> 177
 <212> DNA
 <213> Homo sapiens

<400> 26104

cattttaacc attttaaaagt attcaattca gtggtatgaa ttatattcac aatgttgtat 60
agccatcacc tgtgtctact tccaaaactt tttcattatc ccaaacagaa actctgaaac 120
catcaagcaa ttactcccca tttccctctt cccagccctt ggtaacgtcg actctcc 177

<210> 26105

<211> 117

<212> DNA

<213> Homo sapiens

<400> 26105

taaagaatgc cctttttaaa aatctcttca tgcgtattaa atgctgtcta tattgcaaatt 60
ggaggagacat tgacaggtgt gtgtgtgtgt gtgtgtgtgt gtgtgtgtgt acacagt 117

<210> 26106

<211> 243

<212> DNA

<213> Homo sapiens

<400> 26106

cccgttttat gtgccaatca catctacaaa gggccattct gtttgtggca cagcatttca 60
agaaagattg gcagatttgt taactggacc agagaaaggt gaccaagatg tatgagtctt 120
agaaaccatg gctcaggagg attggatgaa ggatttggta gtatttgact ggaaaatagg 180
aaggagagta ctggaaaata ggaaggagag tacctgggta catgacaact atctcccgta 240
gaa 243

<210> 26107

<211> 149

<212> DNA

<213> Homo sapiens

<400> 26107

agatgctgcc aggggtccctg aagagggaag acacgcggaa acaggcttgc acccagacac 60
gacaccatgc atctctctcg cccctggctc ctgctcctgg caccctgaaa cctctacgc 120
ctgggagggg gcctgcgtct ggatgcccc 149

<210> 26108

<211> 420

<212> DNA

<213> Homo sapiens

<400> 26108

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tatctatcaa aaaaataact cagcattgat agaagtaact atagaacaag agctggcaaa 120
taacagcatg tggggcgaas gagmacccct cccactgtt ttttaataga ccatttttta 180
cagcagtttt aatttcatag caaaaccaag cagaaagctc taagagtttc catatactgt 240
ctgtctacst ccacttcctc agcctctggt gttatcaata ttttgacca aagtgggtaca 300
tttattacaa cctataaacc ttcattggta caccattatc ccccaaagtc catagtttac 360
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<210> 26109

<211> 139

<212> DNA

<213> Homo sapiens

<400> 26109

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tgcaagcctc	ctgtatctcc	acatagcagg	ctaaggggaa	ttgggtaggg	aataaaggct	120
gcaggggaca	ccggctagc					139

<210> 26110

<211> 367

<212> DNA

<213> Homo sapiens

<400> 26110

agcaaatcaa	gaagattttt	ttagatcata	taagaaaagg	tagtaatcaa	aaagtaaaac	60
ccagttgctg	aatttagggt	agttaatata	aggcatgatt	atgtaaaact	gactgtaaaa	120
ttgagatcca	gtttttaaaa	atccaagtta	tttgtaggca	aatgttaaac	aattaaaaaa	180
aatttttttt	caattttttt	aaattttatt	ttattattat	tatactttta	gttttagggg	240
acatgtgcac	aatgtgcagg	ttagttacat	atgtatacat	gtgccatgct	gggtgtgctgc	300
acccattaac	tcgtcattta	gcattaggta	tatctcctaa	ngctatccct	ccccctccc	360
cccccat						367

<210> 26111

<211> 382

<212> DNA

<213> Homo sapiens

<400> 26111

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tgtgttggtg	tgcgcatagg	tgtgtatgtg	tgcatgtgtg	ttgtgtctgt	atagggtgtg	120
ttgtgggtgt	gcatgtvngt	tgctgtgtgt	gtgggtgtgt	gagtgcacgt	gttggtttat	180
gataggcggtg	tttgtgcgtg	tattgggtgtg	tatagggtgtg	agcgtgtgtg	tatgtgggtg	240
tgtatatgta	gggtgtgtgta	taaatgtacg	tgtgtgaatg	tatatgtgtg	tagtttcata	300
tgagtgtgca	catgtgtgtt	taaaatatgg	ctaacggtaa	ggaaatagga	agaaataaaa	360
ttanttttcc	aagtaagggc	ag				382

<210> 26112

<211> 391

<212> DNA

<213> Homo sapiens

<400> 26112

ctttcaagga	atttcaaaga	tatggggtaa	tggctggagg	gagacgcgaa	stgagaggag	60
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tacagtggaa	aattgatgta	ggagaaaagga	gaatcataaa	gctatgttct	tgagcaagag	180
gggatggatt	tatttagcaa	gcggagggat	tggccttacg	agtatggaca	gttcgccccaa	240
aacagcaggt	gggaaggcat	tatatctggg	cgcatttgct	gagagatggg	taaatgtggt	300
gatggaagtc	tatcaaaatt	tgccctctgac	tgtttcagtt	tttccattgt	agtaggaagc	360
aaggtcattc	ttcagctgtg	agtgaagatg	a			391

<210> 26113

<211> 416

<212> DNA

<213> Homo sapiens

<400> 26113

ctgcccactg	tagttggaca	aaaccacatt	caggtctatg	tgtcagcttt	gtccctcagc	60
cctgtgattt	gcttttggtg	gctcagggcc	agctctccaa	gggcaagctc	catgaaggca	120
gacagtgcgt	ctccattttg	atgaaggctt	gcagtcaagg	tcctcagtgt	gtgttagaga	180
ggcatagagc	tctgcaaggg	taagtccatg	tctataacaa	taattgacct	ccctagtgga	240
aagacaggat	tttcccaagg	aaaatagttt	gcggtgtcat	atttgtggtc	tctctagaga	300
gacaattccg	taagtggttc	ctaagccttg	gaaaadtctc	ttttacaata	gtaccacaaa	360
ataatgttca	aagagctatt	tttgaggaaa	ggattcctca	catttttgca	ggtgca	416

<210> 26114

<211> 271

<212> DNA

<213> Homo sapiens

<400> 26114

cttttctctt	ccttttcttg	tctagtcagt	tggccagaag	caatcttcta	atttagccct	60
ggctctcttc	tgaattgtct	ttctatttcc	caccatctgt	aagcaactgg	gctggcatgt	120
agtagatggg	gtctcactca	gtctgtcccc	caggctggag	tgcaatggca	tggtcacagc	180
tactgcagc	ctcaaactcc	tgagctcaag	tgattctcct	gactcagtct	cccaagtagc	240
tagaaataca	ggcacaaaacc	accacacctt	g			271

<210> 26115

<211> 152

<212> DNA

<213> Homo sapiens

<400> 26115

aaaaactcct	gaactcaagc	gatctgcccc	cctcgccac	ccaaagagcc	aggattacag	60
gtatgagaca	ctgtgtggtc	ccctcaactt	atTTTTTTaa	catttttttt	tccaatgaag	120
ttgcttgtct	ctttcacttt	tgtccaattt	gt			152

<210> 26116

<211> 150

<212> DNA

<213> Homo sapiens

<400> 26116

tctatttata	taatctatca	tctatctagc	tatctttcta	ttttatctat	ctatctgtct	60
gtctgtttta	tctatctagc	tattttatct	attttrtcta	tctatctatc	tatctatcta	120
tctatttctat	ctatctatct	atctatctat				150

<210> 26117

<211> 263

<212> DNA

<213> Homo sapiens

<400> 26117

cttagtgatg	tgctagacac	agaaaacagc	cataaaccat	tttatcaagc	cttcacgacc	60
tggcctatth	tatttatttk	tctttttgag	atgggagttt	aactctcacc	caggctggag	120
tgcaagtggc	caatcttsgc	tactgcagc	ctccacctct	caggttcaag	caattttcct	180
gcctcagcct	cctaagtaac	tgggagtaca	ggcacacgcc	accacacctg	gctaattttt	240
gtatttttag	tagagacagc	gct				263

<210> 26118

<211> 186

<212> DNA

<213> Homo sapiens

<400> 26118

aatcacagta catttccttc cacatgggta tagagcactt taatgttaga atagagcact	60
gagaaccttt caggtacctg tgggacacga gtcttgcgag tgacactcaa tgccagggag	120
tctccccagt tatccattct accaggagga atttagggga actggcttca gagtaaaggg	180
aaagg	186

<210> 26119

<211> 339

<212> DNA

<213> Homo sapiens

<400> 26119

atcctcctta aagccaacaa ctataaaatt taatttaatg ttgaacagct gtttctgttg	60
cgggtccaggt gaaatttgag gtatcagcta attgtgctaa agttcccaaa aagaagtatt	120
cagaaggtgt ggatcaccaa ttacctcttg gcagagctgt gaactaataa ctatgagcag	180
tagataatgt actcagatgc cacatgaaat gcaaaagatt ctatgcttta ttccataaag	240
catggctata ggacattgtc tactatgtaa ctaatawttt aaatatttat agatttttaa	300
aagatttctt caaccttctt ttctcamcct gccccggg	339

<210> 26120

<211> 365

<212> DNA

<213> Homo sapiens

<400> 26120

atgattgtgc cagngcact cctacctggg caacagggtg agaccctgtc tcctaaataa	60
ataaataaat ctcatgttga aatgtaattc ctaatgttgg aggtgggacc tggtagagg	120
ggtttggtgc atgggggagg atccctcatg gcttgctgcc atcttctga tattgagttt	180
gttttcacga ggtctggttg ttgtaaagtg tggcaccttg cccgctactc actcttgctc	240
tgctttcacc aaacatcatg tgatatgttt gttcccgtt tgccctccac catgagtaaa	300
agctccctga gcctaccag aagctgagca gatgmwgaca ccatgcttcc tacacagcct	360
gctaa	365

<210> 26121

<211> 114

<212> DNA

<213> Homo sapiens

<400> 26121

agtgatectc ttgttgtcac tgggattaca cacacaagcc actgccttac tgtgtacttt	60
tctaaagtat agacatacct cagagatttt gtatgttcca ttccagacca cccg	114

<210> 26122

<211> 210

<212> DNA

<213> Homo sapiens

<400> 26122

atagtactta ggaaactgct ttatctatta ttacagtatt atttaaagaa agcgcatagg	60
gtaagttctg ggaaagagca gagtttccat gccctttcac tctgaagtca ggatttcacc	120

ctctgggcac atcaatgtgt taaccaacag gaattttctc tgagctttga agtccagagt 180
 ttttttgagt ttcattatat agggacgccg 210

<210> 26123
 <211> 95
 <212> DNA
 <213> Homo sapiens

<400> 26123
 gttaggctctt tatatttttaa agtgtaatac cagttttggtt atttttagtag cagaaatggg 60
 atgattgtta aagttcccca aaaatgttgg cgagc 95

<210> 26124
 <211> 96
 <212> DNA
 <213> Homo sapiens

<400> 26124
 cttgggtcgt ggatatgaat tgttactaat ctttgtgact atttaatctt caaatattgt 60
 gcttaacccc agcaatccgc acgtatccag cacccc 96

<210> 26125
 <211> 276
 <212> DNA
 <213> Homo sapiens

<400> 26125
 agaaaatatt tatacaaact tagatggtat acctacaaca cacctaggct atatggtatg 60
 gctattataa tcttatggga cactgttgt acatgcagtt tgtgcttgat caaaatgtca 120
 ttaatgcagc acatgactgt aattatagat tcatgaagtt gcaaaacagt gtacaaagt 180
 gtctcttgaa gttgttgctc agtttctcct tgtagtatca ccttgcataa ctatagtatg 240
 gtataatgag cagcaaatta acattgatac agtcca 276

<210> 26126
 <211> 423
 <212> DNA
 <213> Homo sapiens

<400> 26126
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 gtagattgaa tgctgggtgc ggtagtaaag tcatgctgca gttatagtct gaaccagctg 120
 tactgttttg ggtagtaact tagacagtag agracaccac ttttctaggc agggctcctc 180
 acctctccta gggggccatt tcatgcatc ttggagtga tatacagaga ggaagtagct 240
 agatcctaatt ttctacaagt tatatcagtt ggggaacagt tgtggttgtc aacctgtgtt 300
 agggctgtat tggttttgct ttcagttgtg ctataaagtg gaaaaaattg aattgtttat 360
 ttatctctta ttgtgaaact ttcctgtggc ccatagaagt ggcatagcaa rctgaacata 420
 gct 423

<210> 26127
 <211> 165
 <212> DNA
 <213> Homo sapiens

<400> 26127

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atgtg	gggtg	atcact	tgag	gccag	gagtt	tgaac	ctgg	ccaaca	tggt	gaaacc		120
ccgtc	gctat	taaata	taca	aaaatt	agtt	gggcat	gggtg	gcgat				165

<210> 26128
 <211> 359
 <212> DNA
 <213> Homo sapiens

<400> 26128															
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tagca	caggt	gcgtg	gtagg	cagag	at	gggt	aaaa	atcg	tt	aagat	gggat	gcaa	at	gact	120
gagtt	tttggg	aaacac	caca	gtaa	ata	ata	ttt	agatt	tg	caggt	aat	tt	caa	aat	180
ccagc	tcagc	cctgg	ttgcc	aggcc	accct	catcc	cagct	ggg	ccagg	tg	ttct	ctg	taa		240
tgtgc	ccatc	cagcc	cttg	cctag	gtgac	caggg	agcca	tgtt	gtct	ct	gccc	agt	ctc		300
tgctt	ccgcg	gtcag	cccag	tggtc	amtgg	gtcct	tttag	gaag	acca	ag	cgtag	gggg			359

<210> 26129
 <211> 250
 <212> DNA
 <213> Homo sapiens

<400> 26129															
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tggct	cactg	caacct	ccac	ctcc	ctgg	tt	cagg	cgat	tc	ctgc	ctca	gcct	cccaa		120
gtgct	gggat	tacag	gcatg	caac	accaca	cccag	cctga	aacc	cagatt	ttta	aatat	ga			180
aatca	aaagt	ttcag	acctt	gtagg	tgtca	taaa	aagcac	gctg	aggacc	actag	tttgc				240
aactg	ccaat														250

<210> 26130
 <211> 270
 <212> DNA
 <213> Homo sapiens

<400> 26130															
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ttgtg	tatgg	tgta	agctaa	ggg	ccaaca	acatt	ctttt	gcat	gtggg	atct	cg	tatt			120
tctga	cacca	ttt	gttgaaa	agatt	gttct	ttt	ccattg	aatg	gtctt	taac	ctg	tat			180
tgaaa	atcat	ttt	accatta	tgcc	agaatt	tatt	tttggg	ctct	ttta	atc	tg	ttt	cattg		240
gtttt	aatca	gctt	tttattc	cagc	accact										270

<210> 26131
 <211> 246
 <212> DNA
 <213> Homo sapiens

<400> 26131															
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tccgc	gtccc	cccga	ccctg	tgtgc	gtgg	ttcgt	gccgg	tccc	agttga	gtctt	gagtc				120
ccgga	aagag	accct	gcgcg	gactg	ggggag	ccgtt	gaatt	ttgct	gtcag	actcc	agtt				180
tcctt	cttct	cagtgc	ctct	tcatgc	ctcc	cccgg	ctctg	ttttt	atctt	ccctt	tacc				240
tcgcc															246

<210> 26132

<211> 438
 <212> DNA
 <213> Homo sapiens

<400> 26132
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 ttcaagggcc gactaaatga attgatgtct caaatcagga tgcagaatca ttttgagca 180
 gtcagatctg aagaaaggta ttacatagat gcagatctgt tacgagaaat caagcagcat 240
 ttgaaacaac aacaggaagg ccttagccat ttgattagca tcattaaaga cgatctagaa 300
 gatataaagc tggtcgaaca tggattgaat gaaacatcc acatcagagg tgggtgtctt 360
 agttgacagt tcacaaactt gtgtaaagggt ttgtgaaatg catcttctta ctgcatcaga 420
 ctttccttaa gaatgaaa 438

<210> 26133
 <211> 136
 <212> DNA
 <213> Homo sapiens

<400> 26133
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 tcttcagct atccaa 136

<210> 26134
 <211> 157
 <212> DNA
 <213> Homo sapiens

<400> 26134
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 agtcccatag ttgtttgcac ccattcatta cagcgtggas tgcaccttat tacagttatt 120
 ggtgtgcaag cttttctccc ctactagasc ctaagct 157

<210> 26135
 <211> 383
 <212> DNA
 <213> Homo sapiens

<400> 26135
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 aacggaaggs katctgacat atggccatag catccttttt cagtcttgct cctaggattc 180
 ccctgcctgt ccactttgct ctagtgatac tgaaccaatg gccactccct gattatgcct 240
 cctgcttctc tccttcgttg ccttattctg tcttaccggc tttcctttct tcttctcttt 300
 ttaactactt aatcctacag actatgcaag actgaactaa aatactctta tacctttagg 360
 cacaagagat gaactgccct gtt 383

<210> 26136
 <211> 204
 <212> DNA
 <213> Homo sapiens

<400> 26136

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tatgttgta	tatatgtat	actaaaacag	cagtaaagca	tcttactga	ttttcttttg	120
gatttgagra	taagctctga	ccaaatggca	gctagcccct	tttcttttagc	cagaattaca	180
tccccat	ccattacctc	atcg				204

<210> 26137
 <211> 390
 <212> DNA
 <213> Homo sapiens

<400> 26137						
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aactctagct	cagcttcctg	cctgtcatct	gaacacagaa	cattgaagat	taggcgactt	180
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attacactgt	cttttaggca	agcattcact	gggcccctgc	atatgtaatc	tttacttatg	300
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aacaaaaact	tcagaaattc	ctaarggggtg	taataaagaa	gtkgggtttt	gaggtttccct	180
ttcctggaat	tattttacag	ttctttgggtg	gggtctcgcca	gctattaatt	gataatgaac	240
atttttctact	attttttttt	ctatctgaag	cttagagatc	tagagctttg	gatctttcgg	300
gtatatgtca	atggagggtat	aattttataa	tactttgmmt	tgacatgaag	tgggttcatg	360
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 <212> DNA
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atatacaaag	gaactaccaa	ctttgaatgc	ttttggctga	attttaacat	ttttattgat	180
gagccttaga	agaaatactt	gaacacatat	attgatattt	agttgccagc	tagtttagaa	240
aaagctacag	tgaaatgcc	gagtaacttc	tgactttaag	ttccaaagtt	ccattgggta	300
gggagattgt	tttcataatt	tataatttcc	aggaaaagg	gaaaatatat	attgacagaa	360
nctctgggtt						369

<210> 26140
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 <212> DNA
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00513999-02400

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 acttcaaatt aagcatttac ttacaatgtc agagactttg atttttgtat aacagaacaa 240
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<210> 26141
 <211> 199
 <212> DNA
 <213> Homo sapiens

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 ccttccagaa ggggaaatgt ggtggtaaaa aatgcaaatt acaagagaaa ctggtatttt 180
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<210> 26142
 <211> 326
 <212> DNA
 <213> Homo sapiens

<400> 26142
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 acataaagaa aagaacaaag atcttcaagt tttgtcagta tttgcatttt tggaagaaga 180
 gcatgaaaat aacatcaaaa tgaaaaatta ggccgggagc agtggctcac acctgtaatc 240
 ccagcacttt gggaggccga ggtgggcccga tcatctgagg tcaggagttc aagaccagcc 300
 tgggcaacat ggtgaaaccc tgctct 326

<210> 26143
 <211> 148
 <212> DNA
 <213> Homo sapiens

<400> 26143
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 aagttccatt caaataagca aatacccc 148

<210> 26144
 <211> 477
 <212> DNA
 <213> Homo sapiens

<400> 26144
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 attggagact ggagaaactg cacaatgcc cccaggagga gaatcgtcca tctgcacact 180
 tagcccttgg cccacagtgg gaaataaagg gttaacaaat gttcctaggt gaacagtggg 240
 ttcctttcct agttcctctc acaaagggct aaggaaacct ctgcactttc agatcccttg 300
 acgtccaccg gggagctgca ggtgctttgc agtgctgagc caacagcact agcagttttg 360
 tgtgaatccc cagctaaacc caaccagatg aggattataa tctccatttt atggtggagg 420
 aaacactnag scaataggha atatgtccta gggtcacaat aagtgcagga gctggga 477

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<211> 311
<212> DNA
<213> Homo sapiens

<400> 26145
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cagctacttg ggaggctgag aaactgaggc acaagaatca ctttgaaccc gtgtggtgga 240
ggttgcagtt agcccagatc atgccagcct gggtgacaga acaagactgc ttcttaaaaa 300
aaaaaaaaa a 311

<210> 26146
<211> 302
<212> DNA
<213> Homo sapiens

<400> 26146
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cc 302

<210> 26147
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<212> DNA
<213> Homo sapiens

<400> 26147
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gtccaagaat cagctgaagg aattgccaga aaaaatgccc aaaactcttc aggagctgcg 120
tgcccataaa gaatgagatc accaaagtgc gaaaagtac tttcaatgga ctgaaccaga 180
tgattgtcat agaactgggc accaatccgc tgaagagctc aggaattgaa aatggggctt 240
tccagggaat gaagaagctc tcctacatcc gcattgctga taccaatata accagcattc 300
ctcaagggtc tcctccttcc cttacggaat tacatcttga tggcaacaaa atcagcagag 360
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<210> 26148
<211> 161
<212> DNA
<213> Homo sapiens

<400> 26148
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cctgcgtgtt tgtccactga aatgtggaat gctctggagg gaaaataaaa tgcaggggat 120
gttctggccc tgaaaaggtc aggtggccga gggcaagcgg c 161

<210> 26149
<211> 176
<212> DNA

<213> Homo sapiens

<400> 26149

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<210> 26150

<211> 428

<212> DNA

<213> Homo sapiens

<400> 26150

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tgctttgttc	tgccagccct	gaatgttgca	aaccagaaca	caaagctgcc	tgagttcgt	180
ctgaagagga	tgactgcgtc	tctttgtcca	aggccagcag	ctttgcagac	atgatgggta	240
tcctgaagga	ctttcaccga	atgaaacaga	gtcaagatct	gaaccggagt	ttattgaagg	300
aggandncc	ctgctgtgct	tatctctgag	gtcctaagga	ggaagtttgc	tctaaaggaa	360
gaagatatca	gtagaaaagg	aaattgacnn	gntcagctct	gcaaactcag	tctcatgctc	420
ctggaata						428

<210> 26151

<211> 147

<212> DNA

<213> Homo sapiens

<400> 26151

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cgcccccgcc	ttctcctgtg	tggtgca				147

<210> 26152

<211> 143

<212> DNA

<213> Homo sapiens

<400> 26152

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atacggtatg	atgtgagcca	acc				143

<210> 26153

<211> 155

<212> DNA

<213> Homo sapiens

<400> 26153

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tggtttctga	taggaattcc	gtagctgctt	ttctgtggta	acatataaat	gtcatgccct	120
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<210> 26154

<211> 302

<212> DNA

<213> Homo sapiens

<400> 26154

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gatttcacag	tgatttcctg	actgtgatac	taaaagcaca	ggcaacaaaa	gcaacaataa	120
gacaaatgga	actgcatcaa	acttaaaatc	ttctacacct	caaagaaaga	agccagcaga	180
gttgatttag	tttttacact	gctgataaag	acatacccgga	gactgggcaa	tttacaaaag	240
agagagattt	attggactta	cagttccatg	tggctgggga	ggcctcacia	tcatggctga	300
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<210> 26155

<211> 242

<212> DNA

<213> Homo sapiens

<400> 26155

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nyacgcaccc	sactcagcat	aacctgctca	cacaatcaca	cacacaatca	cacacaccct	120
acccagtaga	gccactcag	acacacatgt	tctcacacia	tcactcatac	acatacacac	180
cacagcacag	cccgtcaca	cacacacaca	catgcacccc	accagcaca	gctcaccac	240
gc						242

<210> 26156

<211> 70

<212> DNA

<213> Homo sapiens

<400> 26156

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aaaaaaaaaa						70

<210> 26157

<211> 263

<212> DNA

<213> Homo sapiens

<400> 26157

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gtgaaggat	ttggtgaaga	aagatgggaa	taagattgta	atataggaaa	cagaaattaa	180
atggaccgta	gcctttttga	gaaaagtagc	aagaataaga	gaatgggcag	gatgtgggca	240
gggagtgggt	ggaaagtta	gaa				263

<210> 26158

<211> 230

<212> DNA

<213> Homo sapiens

<400> 26158

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aaacaaaatc	agatgccatc	cacagttata	ctaattatcc	attaaaagct	tacacttaat	120
acttgaaata	acaatcaata	tctagcaggg	aatactgaaa	gtgatttcag	agtctcatcc	180
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<210> 26159

<211> 100

<212> DNA

<213> Homo sapiens

<400> 26159

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cctttcctgt taaaatgtca ctttggcact aagaaaattt	100

<210> 26160

<211> 285

<212> DNA

<213> Homo sapiens

<400> 26160

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ttttggcttt cggctctgga aaatatgaga aatatgggca attactctct gaagaaagag	120
atgggggtcc accatgtagc cccggctggt cttgagctca tgagctcaag cgattcacct	180
gcctcagcct cccaaagtgc tgggattaca agtgtgagcc accattcctg cctctatacc	240
tctaaagggtg ttgaataatt tgaatgggaa tttgaaggct catgg	285

<210> 26161

<211> 154

<212> DNA

<213> Homo sapiens

<400> 26161

aaggggatgc ggaaaccctt ggctcgggtg agcggagagg caggcgggca ggagccgagg	60
acggcatgtc ccaggccccc ggagcacagc cgagcccacc caccgtgtac cacgaacggc	120
agcgcttga gctgtgtgct gtccacgccc tccg	154

<210> 26162

<211> 234

<212> DNA

<213> Homo sapiens

<400> 26162

atattatttg gttgatttag tagtgtattt cttttgtatt tatttgtmac ttttttatat	60
aaagaaatct gtaaatcttt gtgtcttttt gagttatttg aaagggtttt tttgcatttt	120
aaaagcataa ttaaaatgca aattgttttc cctagctttt watttattta tgdtttaatt	180
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<210> 26163

<211> 184

<212> DNA

<213> Homo sapiens

<400> 26163

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gattggggct ccagcctgac tgacccgaca gtgcgggttg cctaggggga ggcgctcaga	120
gtaggaaccc ggggtgacag acgggatctg ccggatcccc aggcgtgtgt gtgsgcgggc	180
gaga	184

<210> 26164

<211> 110

<212> DNA

<213> Homo sapiens

<400> 26164

cttgtggaat aaggaagaga taagatcaga attattcttc cttcctggac cagctagctc 60
tttgaaggaa gcctcagcat ctcacacaca cacacacaca cacacacacg 110

<210> 26165

<211> 123

<212> DNA

<213> Homo sapiens

<400> 26165

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gactattatc caggcagcct ctcttttcgca gggacgtagg gagggaaaat cttttaaggg 120
act 123

<210> 26166

<211> 261

<212> DNA

<213> Homo sapiens

<400> 26166

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agatagtgcc ccaaataattt ggcttttatac ctgataaaat gatgccctaa ttttcacctg 120
attagaatat ttagcktggt gtgtgcaatg gcatgaraag cctaaaggat tcaagataat 180
tcaaattcck aktgattcac gtgatatttt cacactcagt tctttcatct gtkgtttctg 240
caaacacctt caaaacactt c 261

<210> 26167

<211> 238

<212> DNA

<213> Homo sapiens

<400> 26167

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gtagctcagt ccaacgacta accctgaaat ggggggtgtc cagccttcag cgagatggcc 120
aagcgggtccc ctggggggtg tggcagcggg cttatccttc tctgttgcca accttgccgt 180
ccgacctcct ccgcccccat gcggtgacct cgtccgtgtc tgtgtctgtc catacaat 238

<210> 26168

<211> 482

<212> DNA

<213> Homo sapiens

<400> 26168

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tcagggtgag aggcagtgst tcatctcagc aggaagaat ggggggcggc cttcagggcg 180
gggcacttcc acatgtctca ggtgggggtt tcagggtgaga atttcttcta agtgttctgt 240
cagaaggagg cagccccagc ccacactaag gagggattgc ccagctagaa gcctcaggag 300
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tggggggtggg agttggcacg gtgaggacct ttgactgctg aaasccttcc tcagcagaga 420
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 tt 482

<210> 26169
 <211> 310
 <212> DNA
 <213> Homo sapiens

<400> 26169
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 agataaaaat attcaggtaa aggaaaatca aaactctaca atcagattca atccaagtaa 120
 gactaccca agacatawta taatcaaact gtcaaaaatc agaggcagag agaggatcct 180
 gaaggcagca aaagaaaaga agcaataaca taacataaaa acgggctcaa atgtacctag 240
 aagtggactt ctcagccgaa accttatggg ccagaaaaga gtaggatcat atatttaaag 300
 tactgaaaaa 310

<210> 26170
 <211> 392
 <212> DNA
 <213> Homo sapiens

<400> 26170
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 tgagctgggt gtggtgatat atgcatgtgg tcttagctac tcaggaggct gaggcaggag 180
 aatccctcga gtccaggagt ttgagtcag cctgggcaac atagttagac cttgtctctt 240
 aaaaataaat aaaaaataa ataaaaatth aaaataatta agaaatattg tggaaaaatt 300
 gcatgtgaat aaacacttct ttttaaaggc tctactthtc aagaatggat tgacagtata 360
 tgtgtgtgtc agattatacg tgtgtgtgtg tg 392

<210> 26171
 <211> 408
 <212> DNA
 <213> Homo sapiens

<400> 26171
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 taaatgggct tttacagcca gatagtacc tcttgaattt attattthaa aatagtactg 300
 ggaaatatta cacatatcca gatactttga ctatgandwy tttgtattth aaatactcgt 360
 atcaataaaa atgttcagta aaatagctat tacttcatcc cactatgt 408

<210> 26172
 <211> 217
 <212> DNA
 <213> Homo sapiens

<400> 26172
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 cctataatta tacttcaaaa tatthgacat ctgctattat gccttctth gatctthctt 120
 ctgtggtgca gacattthcta gtaagtgtth gactacttgt atggcattag cthtcacaga 180

aaattgtttc acttaaaact gtggattggc ctagtac

217

<210> 26173

<211> 299

<212> DNA

<213> Homo sapiens

<400> 26173

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gaaatgctac	ttgaaggac	gcttgtgatt	atttaataag	gtgaatagtt	cgcctttcgt	180
ttattgattt	ggttttcttt	attgtgaaat	agtttaattt	tgtgcgtaat	ccacccttcc	240
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<210> 26174

<211> 359

<212> DNA

<213> Homo sapiens

<400> 26174

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tggccatcaa	attttgggwa	attacagaca	caacagtcaa	acatgcagca	atcagggtca	180
rgttggcctt	tctgaatgag	gatggagcag	actgttacgg	caggaggtga	atgatacatg	240
gcgtctcttt	ctgctaggat	agttgggtct	gtgagtctat	gacaccttac	ttgtctaccc	300
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<210> 26175

<211> 148

<212> DNA

<213> Homo sapiens

<400> 26175

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aatgccaatg	gaaacctgga	agagcknmc	cctgcccagc	ccamagcccc	amtccccgct	120
gagcctgccc	cgtcacacga	tgcccctt				148

<210> 26176

<211> 139

<212> DNA

<213> Homo sapiens

<400> 26176

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cagtgggcag	atgtgctgcc	ttgtctaaaa	cagattttac	tgctgtttat	agttctctck	120
ycagstctac	cacagcmac					139

<210> 26177

<211> 102

<212> DNA

<213> Homo sapiens

<400> 26177

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<210> 26178
<211> 164
<212> DNA
<213> Homo sapiens

<400> 26178
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tagaacagag tacctgagta aagagagctg caaagagaga gaacccaga tatctacaga 120
atctaccct tgagtattct ccagaatact aatcagcatg tacg 164

<210> 26179
<211> 240
<212> DNA
<213> Homo sapiens

<400> 26179
acttgatatt ttgctgcttc gtcttgctgc ctgctctctg gccgcctctt caggtggcca 60
cagtgtcgtg acatcatttg tttccctcca gaggctctga gggagaacgg gctccaggcc 120
tctcccagct ggggctgccg ggggccctgg cgttcccggc ttgtgcctgc gccgctccag 180
tctctgcttc catcgtaacg tggccttctc ccaggcctgt ggtttctctc ttcacatcag 240

<210> 26180
<211> 91
<212> DNA
<213> Homo sapiens

<400> 26180
ctgyttaasa ttcagctctg ttaactcact catctttttr trwttttaca ctttgtcamg 60
atctctttac atattcatca atgtctgaag a 91

<210> 26181
<211> 346
<212> DNA
<213> Homo sapiens

<400> 26181
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tgaagcaaata caatacatgt gaaggaaaag caaaacccta tgtaggccta tgtagaaacc 120
ttatgcacag aactaaatgc ttgttaagta aaaattccta atccttatcc tcttatgcca 180
ttttaaatata actctaaaat tagtattgga aaaatctccc tgatttggtc aaatggctga 240
tgcttacatg tcatttttga tccagagatg caaaatataa gagcttcata cataggttca 300
atacttttct aaactgaatt gggtttttga ataaaatacc aggggtt 346

<210> 26182
<211> 354
<212> DNA
<213> Homo sapiens

<400> 26182
tggtcttgat atagtttact gagaatgatg atttccaatt tcatccatgt ccctacaaag 60
gacatgaact catcattttt tatggctgca tagtattcca tgggtgtatat gtgccacatt 120
ttcttaatacc agtctatcat tgttgacat ttgggttggt tccaagtctt tactattgtg 180

aataatgccg	caataacata	cgtgtgcatg	tgtctttata	gcagcatgat	ttatagtcct	240
ttgggtatat	acccagtaat	gggatggctg	ggtcaaatgg	tatttccagt	tctagatccc	300
tgaggaatcg	ccacactgat	ttccacaatg	gttgaactag	tttacagtgt	gcat	354

<210> 26183
 <211> 239
 <212> DNA
 <213> Homo sapiens

<400> 26183						
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atatgtgagg	actgagaatt	taattgaccc	ctggatttga	cactgtggaa	gtctttgggtg	120
acttccagaa	cggttgtggt	agagtgccag	gagtaaaatg	cttacagatt	tcagtgtatg	180
gaagggaatg	aaaagagagg	atttataggt	ggccattaca	ggcttgcttt	ttttttttt	239

<210> 26184
 <211> 463
 <212> DNA
 <213> Homo sapiens

<400> 26184						
agcgccggcg	tgcagggggc	cttgggtgcc	accgagtcgg	ggaggaaatc	taggccgcca	60
tccgtccgga	gactggcacc	tgtgaccacc	acccaacatg	tattgaacaa	gggcttggag	120
gtcctttctc	taaggccgca	cggataaacg	attaccgact	gttgacctca	cggccccctt	180
gcttccggcc	gcaccgcctc	gctgcccacg	cctgcgcact	caggcgccgc	agattcattt	240
ggattcaagg	ttggctctca	acagtgccag	ctgcactgtc	atcctaaagt	acttctgtgg	300
aagagaacat	ggtggtgtca	ctgttgtacc	agtgatgaca	caaatcccag	atctacctga	360
cgggcctgcg	agggttgaag	atttgtgaagc	aataknbtaa	ggtaaacaac	accttgcaag	420
acgggtctaa	gctcttcagt	gtaatagacc	ctgtttctca	gta		463

<210> 26185
 <211> 143
 <212> DNA
 <213> Homo sapiens

<400> 26185						
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tgcgccatgt	tggtttgctg	caccatttaa	ctcatcattt	acattgggta	tttatcctgg	120
tgctatccct	ccccctgccc	cct				143

<210> 26186
 <211> 332
 <212> DNA
 <213> Homo sapiens

<400> 26186						
ataaatagtg	actgaaccaa	tttatgcagt	aaatagacta	aagttcacag	ggcacggatg	60
agtttatcaa	acttcgttat	tttatcttgt	cattttataac	atccatataa	gcaactagcc	120
atataagcaa	aattcataga	actactaatg	acttaagtgt	acatctgttc	ttgtctccat	180
atattcatgt	aagatgcaca	acaaaagaaa	catcagaagt	ttataaaaaat	aaatctgact	240
atatgcatcc	tcattttatc	cctttagaac	ctaggtaaaa	aatggttgca	aaacatgggt	300
agtggcgcat	acattttgtt	atccttgaaa	ta			332

<210> 26187

<211> 247
 <212> DNA
 <213> Homo sapiens

<400> 26187
 tagtagcccc agtgtctctt gttatcttta tgtccatgtg taccgcgtagt ttagctccca 60
 cttacaagtg agaacatgcg gtatttggtt ttctgtttct ttgttaattc acttacgatg 120
 atgtcctcta gctgcatcca tattgctgca aaggacttga tttccttctt ttttatggct 180
 acatagtatt ccatggtaca tttgtaccac attttcttta tccagtcac cattgatggg 240
 tgccaaa 247

<210> 26188
 <211> 477
 <212> DNA
 <213> Homo sapiens

<400> 26188
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 gatgagtaaa ctgaggcaca aatacatgaa ataacttgcc ccagaaatat agccagtagg 120
 tggcagagct ggaagttaaa cccatatggt ctgggttcctt agtccctagt gattagaaca 180
 cactatactg cctcactgtc snthttctctg tcaaataatc gttgtccatt ttccctttgg 240
 ggtctttttt tttcttttca agataatact aagcaaggca gttacctttt tttggaagga 300
 agcagtaagg actctagact ttcagcataa ttttctttta acaatttaca tgactggtaa 360
 aaatthtatg taagtagttc tgtaaaagga aaagcataaa aggaatgaaa andctcttgg 420
 ggagarttta attaacattt tctcttgtgg cttgttttct gtgggttcttg gwtgtct 477

<210> 26189
 <211> 223
 <212> DNA
 <213> Homo sapiens

<400> 26189
 gattcttcat tttttgtwtw tttcattagt tgaagtgggt tttagttttg tttaaaatta 60
 taaccagcgt atthttcacat cattctgtaa gttaaagat atcaaacatg aaagagatgt 120
 tctcattttt cthtttctga ttaaagctct gatgcatac attthttctat aagtaatcag 180
 ttgctthttaa aatcagaagg ctatattatt ctaatgaccc tgt 223

<210> 26190
 <211> 419
 <212> DNA
 <213> Homo sapiens

<400> 26190
 cactttacgg ctgggctcac ctttcacccc aagacagctt tgatcactgg gaagtttcca 60
 caaacacaga atgaatgagg aagaaggatga ttatatthtc ggtgtgatcc acgtggacga 120
 gaggtgttgc atgtthttac aaattgaaga tctgtgacaa ccttgggtca agcaagtcta 180
 tcagtgccat tcttccaaca taggtgtata tgctggagca gctgtactta agtccagaaa 240
 taagaagata tttgatctga ggactcagga gagagcatgg ctgctgcata gatggtgcct 300
 tccatcgctt gacataagga agcccagcca aagcctgtgt cttgggcagc ctgggagctc 360
 tcaggatggc ttgankkstc ccacatggcc tgggcctgtt ctccttcccc tccagctct 419

<210> 26191
 <211> 407
 <212> DNA

<213> Homo sapiens

<400> 26191

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ctgttgattg	aagagtttag	tccatttgca	ttcagtgttc	ctattgataa	gtaaggcctt	120
actcttgcca	ttttgttact	tgttttatgg	tcgttttgtg	atcatctttt	ccttctttcc	180
ttccttcttg	tcttcttttt	agtgacggtg	atcttctgtg	gtgatatgat	ttagtttctt	240
actttttatt	ttttgtgtat	ttgttgatg	ttttagggtt	tgcagttacc	acaaggcttg	300
caaatactct	cttgtaatct	gttattttta	cctggtaama	gcactgtttg	cataaacaaa	360
caagcaagca	aaaagtaaac	grataaaggs	tccatgcctt	aaatata		407

<210> 26192

<211> 389

<212> DNA

<213> Homo sapiens

<400> 26192

ctacagaggc	cacagtctgc	acggtgacac	tggagaagat	gtcggcaggg	ctgggcttca	60
gcctggaagg	aggggaagggc	tccctacacg	gagacaagcc	tctcaccatt	aacaggattt	120
tcaaaggagc	agcctcagaa	caaagtgaga	cagtccagcc	tggagatgaa	atcttgcagc	180
tgggtggcac	tgccatgcag	ggcctcacac	ggtttgaagc	ctggaacatc	atcaaggcac	240
tgctgatgg	acctgtcacg	attgtcatca	ggagaaaaag	cctccagtcc	aaggaaacca	300
cagctgctgg	agactcctag	gcaggacatg	ctgangccaa	agccaataac	acacagctaa	360
cacacagctc	ccataaccgc	tgattctca				389

<210> 26193

<211> 90

<212> DNA

<213> Homo sapiens

<400> 26193

ctgcctgtst	ggcctcccag	agtgctgaga	ttgtaggcgt	gascaccgtg	cctggcccca	60
ataattcttt	tttttttttt	tttttttttt				90

<210> 26194

<211> 199

<212> DNA

<213> Homo sapiens

<400> 26194

tacaaacaac	catcagagaa	tactgtaaac	acctctatgc	acataaacta	gaaaatctag	60
aagaaatgag	taagttgctg	gatgcacaca	ccctcccaag	actgaaccag	gaagcagtta	120
atccctaaat	agaccaataa	cgagttctga	aattgaggca	gtaataaaat	agcctactaa	180
ccaaaaaagc	ccaggccaa					199

<210> 26195

<211> 162

<212> DNA

<213> Homo sapiens

<400> 26195

cacaccgcca	tgttctctag	gtacattcag	gataccaggt	caaatttcag	cttcctgggt	60
gccccatagt	ctctctccc	ttcaagcttg	gctcatgttg	ttccatcttc	ctggcatgct	120
ctttcttctc	ttttccagt	agataatgct	actctcggcg	cc		162

<210> 26196
<211> 213
<212> DNA
<213> Homo sapiens

<400> 26196
cttatggctt tgacacattg ctaggttttt gtcattgaagt gggatttttg atttggaggg 60
aatgcttctt ggcttcttagc tagagattac atacaggtct aaagctgcc agctgaagca 120
tctggtcctc amtgmctgtc gctttgcagt atgtgacaat gctctagcgt aggctgactt 180
tgccttacct gcaggcagac ttccaagagg arg 213

<210> 26197
<211> 203
<212> DNA
<213> Homo sapiens

<400> 26197
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actttctatg cttttgagta aagatgaaat tatatgtctt ttttaatttt ttaaattgaa 120
tgatgttcaa gggaaaagct acccagtttc catttgtgtg aaatttatgt atatttttgg 180
ttttgtcttg tatatgagta agg 203

<210> 26198
<211> 365
<212> DNA
<213> Homo sapiens

<400> 26198
aaataatttt ggattaccca aaaggccaca gtcaggtagc tctaagtctc tgtatctata 60
gggtttttgt tctttaatta tctcacagaa cccacaggac atatcgtagt tgtacagtgg 120
gtatgccccg ctcagtgtgc wrgctgggmc crgctgcttt cccggcctgg ctggcggasa 180
tcgaggaggt cctccgcctc ctcccagggc cccactttga ggagcggcag ccaactgcca 240
cagggactgc agaagaaacg taagtcccag tccrgcatct acagataatt atgtactgtt 300
agtgtggttt tcaggnaktg tacagttgct ttgtaaaata gtaaagcact taggagtcag 360
aatag 365

<210> 26199
<211> 331
<212> DNA
<213> Homo sapiens

<400> 26199
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gcaaccagtt gctctcttca catccagcct ttctcatcac tgtacttttc tgaccatcca 120
ggcatttccc ttgttctactg agtactggct tgttgggtgc gccctcccca tttcctgcta 180
tcttgaatga cttgaacatg tttaggggtg attcattcaa caatctaatt tcaaggccac 240
ctgcctttct cagctcccaa gatttgcgtg gcccttcact gtggcagtag tctgccttgg 300
gccagaccct gcacattgtc atcaggtgga c 331

<210> 26200
<211> 157
<212> DNA
<213> Homo sapiens

<400> 26200

cctcaggttg	tattacaggc	tatgccagct	actgatcatt	tgTTTTTgtt	taccttgtgt	60
TTTTTttct	cctggctagt	gggtgggctt	catctgctga	tgtgagtact	attctaggta	120
ctgggcctag	tgaaggagaa	gacaaacacc	ccagtat			157

<210> 26201

<211> 293

<212> DNA

<213> Homo sapiens

<400> 26201

cctttatact	taagccagct	tgaattgggt	ttttcttatg	tacagtcgag	agtcatgatg	60
aatacagtgt	ttctaattaa	cagtgttagt	taaactaagt	atacagcact	ggtgatttct	120
gtgtgtcagt	gtcatttcag	cctctttgtt	gtcttaagag	gccacttag	tggtttgact	180
gtcccttgag	agaatagaag	gtgagcttgg	agagttttca	gagacagtga	cttgatttaa	240
agaaagtagg	atcatagtag	taatactcct	cacatccacg	tatccccga	taa	293

<210> 26202

<211> 336

<212> DNA

<213> Homo sapiens

<400> 26202

tgcaacacct	taagtggaca	ggactgggag	gtcttggttg	ttggagccaa	cgtgggttcc	60
ctgcggctcc	ttagtcacct	ctgatagcag	attgaggag	gaaaacaggt	aaggcatgag	120
gaaatggcca	ggttgggtta	accactgggt	ttcaaccagt	tcaggaatga	ggttatttgg	180
ccatgactgg	ctgatcttga	gctcaaggat	ctgcttcaaa	tgcacacagg	cctagttgaa	240
gtttaaaccc	cagcaaaaca	ttcctccctg	taaatggaaa	atcctacttc	tacccccacc	300
ctgccttgtt	ttttgttttt	tttttcccca	agatca			336

<210> 26203

<211> 270

<212> DNA

<213> Homo sapiens

<400> 26203

gtatttyttg	atagagacgg	ggtttcacca	tgttgctcag	gctggttgcg	aactcctgac	60
ctcgaatgat	ccccacctt	ggcctcccaa	tgtgctggga	ttacaggcat	gagccgccac	120
gcccggttaa	tttttggtat	ttgtagtaga	aacgggggtt	caccatgtta	gccaggctgg	180
gtgcgaactc	ctgacctcag	gtagtccacc	cgccttggcc	tcccaaagtg	ctgggattac	240
aggcgtgagc	caccgcagtc	cggcccta				270

<210> 26204

<211> 258

<212> DNA

<213> Homo sapiens

<400> 26204

aaactgaaca	gaatgccacc	agcttgggct	tattctgcat	gcataattat	gaacattttc	60
ccatctcttg	tgaaaattct	cacattcata	gaaagataga	tgaccagta	aaataaatac	120
ctgtaaataa	cgataataat	ttcataatat	atgcttcacc	tagatttacc	agttactaat	180
attttgctac	agttttat	ttctcacacac	ttttgttgag	catctgaaaa	ccatatacat	240
gatgacagtt	cacccggg					258

<210> 26205

<211> 341

<212> DNA

<213> Homo sapiens

<400> 26205

taccttttaa	aatctcttat	tctcacttca	gtgtgttttg	aaaaggtcag	gagatagtta	60
cgcatgtggt	caatccacca	ttttttaacc	ccaggcaa	aatcttggt	ctaaaatagg	120
cattaactga	acgtctggat	gctcttcttc	tggaaaaagc	agagactgag	caacagtgtc	180
tttctctgaa	aaaggaaaat	ataaaaaatga	agcaagaggt	tgaggtaagt	caatatttta	240
gtgttctttt	cttttttatt	aacatatagt	gtagtcatta	atttttagagg	taagacttta	300
aaaagcatct	aatctgatta	atattttata	atataaaca	a		341

<210> 26206

<211> 213

<212> DNA

<213> Homo sapiens

<400> 26206

agagatggtt	cgttttccac	ttacggctaa	tcagctagct	aacgctcgct	cctccttttc	60
aagatgagaa	aaatatctgc	ttgtctccaa	atttgaatat	tttacaattt	aaaatggaaa	120
ctgtgggtga	cagaacacgt	tgaggatccg	actcagcacc	tcatccacgt	gggccagag	180
cgggacggtc	cgtgtccgca	gcggtctcct	gga			213

<210> 26207

<211> 159

<212> DNA

<213> Homo sapiens

<400> 26207

ttgttccagt	tctcagtaac	tatctcacct	tcacgtcaaa	cttcctcaac	tgggacttca	60
ctgtccatat	cactgtcctc	gtattgggta	cagccatttg	aatagtctct	aggaaattcc	120
aaacttttcc	tcacttttct	tcttcttcaa	aaccctcca			159

<210> 26208

<211> 370

<212> DNA

<213> Homo sapiens

<400> 26208

ttcagactaa	aatttttaaaa	atccagtata	aaactttttg	gatcacctaa	ctccttaatt	60
cttgctagag	ttctgcacag	tgggtatcct	tctagcctta	gtgtaactct	tggcattata	120
tagcttggtt	tccttatcca	aatgacatta	agtcctttga	gtcacattgg	aggttctgct	180
ctcagacctg	agcccttgac	ttctagttgt	gctaaacttg	tcctaccagt	gatgcagcta	240
gtagtataaa	caaaagcaat	cacagatttc	agtcgtaaaa	acaagaacag	ctgaaatata	300
agctgtccat	ttacttaaaa	ccttttatag	gctttactag	acataaagtt	cattaacttt	360
ttttggcagc						370

<210> 26209

<211> 139

<212> DNA

<213> Homo sapiens

<400> 26209
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 atgtctgttt acacttttgt aatcagtcac tttattatgt taattctagt tctacctatg 120
 ttgtaatttt aatagaatt 139

<210> 26210
 <211> 186
 <212> DNA
 <213> Homo sapiens

<400> 26210
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 aggtttaatt ggctcacagc tccgcaggct gcataggaag catagtggct tctagggagg 120
 cctcgggaaa cttcaattat ggcagaaggc aagaggggaag caggcacatc ttacatggct 180
 ggacaa 186

<210> 26211
 <211> 143
 <212> DNA
 <213> Homo sapiens

<400> 26211
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 ccgcctcccg ggtgcaagct gttttcctgt ctcagcctcc caagtagatc agattgcagg 120
 catgtgccac cacaccggg cta 143

<210> 26212
 <211> 227
 <212> DNA
 <213> Homo sapiens

<400> 26212
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 atagtgaaga agtttttttt aatttttgga tgggatattc gcaaatactt gtattataca 120
 ctaagctatt acaatggtag ttaaaataat gttaaattga agtcattgtt ataaaataat 180
 aaagtggaga ttacttaagt atttaaatta tgaaagaata atgcagc 227

<210> 26213
 <211> 175
 <212> DNA
 <213> Homo sapiens

<400> 26213
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 gtgctgactc aatgctcgtt agttgatggg gctgtacctg tcatcattga tctgtgcaag 120
 gccccttctc atttcattca ctaattcatg tatttctttg tatccccccg aaggn 175

<210> 26214
 <211> 196
 <212> DNA
 <213> Homo sapiens

<400> 26214
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atctctcact	gaagcgaaaag	ctccagagta	gctcccttga	cgagtaccgg	aagcgasagt	120
gtcgakacca	cctcagasta	aacctgmaag	tttctgacca	ggacgagaag	caccgtggct	180
gagtctgtsa	gccaac					196

<210> 26215
 <211> 278
 <212> DNA
 <213> Homo sapiens

<400> 26215						
cagat	ttt	gtg	t	actg	ctagt	60
ctgc	agc	ctt	g	ctaa	attt	120
cttt	ctac	ac	ttat	atc	act	180
gatt	tatt	ttt	ctt	g	cct	240
gaat	aga	agt	gg	caa	acac	278

<210> 26216
 <211> 310
 <212> DNA
 <213> Homo sapiens

<400> 26216						
tact	aca	att	tatt	g	acca	60
ccct	gtc	ccg	tcac	aa	atca	120
aca	ag	ttt	at	ctg	tag	180
attt	aaa	agt	gtg	att	gct	240
ctgt	at	ccat	agg	ttt	ggag	300
tttt	ac	at	gt	t	ctg	310

<210> 26217
 <211> 113
 <212> DNA
 <213> Homo sapiens

<400> 26217						
ggg	gtac	aaa	aatt	gg	ccg	60
ctg	g	ac	ag	at	g	113

<210> 26218
 <211> 351
 <212> DNA
 <213> Homo sapiens

<400> 26218						
tcata	c	ctt	tg	gtat	ttt	60
agta	at	cat	c	ag	ctc	120
caaa	a	cc	at	ct	g	180
ctc	ag	c	ct	c	cc	240
gttt	t	tag	ta	ga	gag	300
caag	t	at	cc	a	cc	351

<210> 26219
 <211> 119
 <212> DNA

<213> Homo sapiens

<400> 26219

caaaaattag ccgggtgtgg tgggtgcacac ttataatccc agctactcag gaggctgaga 60
caggagaatt gcttgaacct gggaggcaga ggtcacagtg agccaagatc acgccatcg 119

<210> 26220

<211> 175

<212> DNA

<213> Homo sapiens

<400> 26220

aaaatacaaa gaaaatcagc tgggcgtggt ggcgggccc tgtgggtcca gctatttggg 60
aggctgaggc gggagagtgg cgtgaacctg gaggcggrst tgcagtgagc cgagatcgtg 120
ccactgcact ccagcctggg cgacagagcg agactccatc tcaaaaaaaaa aaaaa 175

<210> 26221

<211> 371

<212> DNA

<213> Homo sapiens

<400> 26221

ctgccctttt ctctggtagc tcgtcctgca gacacagggg cttctccttc cctggccact 60
cmtccacgtc cactgtcccc agtctttccc aacactgtcc tggggaacct gccaaatcac 120
agctcttgat ttcccttatga ggcacaaaat acttgctcct taatcttttg ttgacttaag 180
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acctccaggg tcttggagtt tgcagcccc tctcattctc tcacaaagcc aacatttcct 300
tcacctcctg atgtgtccct ggccctgaaa gcaccctggg gatactgrgg cacagcacct 360
atgacctggc g 371

<210> 26222

<211> 147

<212> DNA

<213> Homo sapiens

<400> 26222

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gtttttggtg trwaggaatg cttggga 147

<210> 26223

<211> 146

<212> DNA

<213> Homo sapiens

<400> 26223

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<210> 26224

<211> 159

<212> DNA

<213> Homo sapiens

<400> 26224
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 tctggaaagt actatggagg aaaattacag accaccccc 159

<210> 26225
 <211> 317
 <212> DNA
 <213> Homo sapiens

<400> 26225
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 gaaattcgag atgggtcaaag agaatttgct gctacaaata gttatcttgg atattttgga 120
 gatgcaaaga gtaaatacaa aagaatatat gtgaagttca ttgaaaatgc aaacaagaag 180
 gaatatgtca gagtgtgttc taaaaagcca agaaataaac cttcacaaac tatcagaact 240
 gttcaagcta agccaagtag tagcagtaaa acttctgata ctctagcata aaaaactaca 300
 actacaaaag cccctc 317

<210> 26226
 <211> 270
 <212> DNA
 <213> Homo sapiens

<400> 26226
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 gccgggctaa tttttggtat ttgtagtaga aacgggggtt caccatgtta gccaggctgg 180
 gtgcgaactc ctgacctcag gtagtccacc cgccttggcc tcccaaagtg ctgggattac 240
 aggcgtgagc caccgcagtc cggccctaata 270

<210> 26227
 <211> 468
 <212> DNA
 <213> Homo sapiens

<400> 26227
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 ggccttagtc agggctgctt tgtccctact ctacacagaa gagcctaaaa agggaaggga 180
 ggaagaacca tcatctacct taccacctcc tcttctccc tcagccccgc cgttaccgag 240
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 aaaatacaag ggatacacta ctgttatggg accctgtctt agtcaagtgg aattagaagg 360
 gagctcttga cctgcccagt gatgcaagat caacaagaca atcagtaaga aacgtacaaa 420
 cattaagaag agcctattca gaaaagacag tcttccagtt acctata 468

<210> 26228
 <211> 433
 <212> DNA
 <213> Homo sapiens

<400> 26228
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 aaaagaaaac tggctcttgg aaatggatct tgtttcggtg gttgttgtga gtccttgggc 120

aaaaacaccc	ataagtaagc	aaatctcctc	aaagatgttt	attgcagccc	catttgtagt	60
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<210> 26234
 <211> 384
 <212> DNA
 <213> Homo sapiens

<400> 26234						
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gttgaatatc	caatatgtca	acttaaaagt	gcaaaaactgt	gctcctgatg	ttcatgcctc	180
aaaccagtct	cttgtgtact	gttgcctttt	tcagttaatg	aaacaatttt	tgtgtctctt	240
gggccaaaaga	ttttggctag	ccatccttga	cttttacwct	tctcaccttt	ggcctattag	300
aaaatcatgt	tggccagggtg	tgggtggctca	ggcctgtaat	cccagcactt	tgggaggctg	360
arggargcgc	atcgcttgag	ctca				384

<210> 26235
 <211> 231
 <212> DNA
 <213> Homo sapiens

<400> 26235						
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acatctagca	ttcagtcttg	aagattctta	gtttagaagc	ttaaaagtat	gcaattctca	180
gtaaattctg	atgcttagtg	tccaaggggt	ttcctgctat	cagggtcggc	g	231

<210> 26236
 <211> 395
 <212> DNA
 <213> Homo sapiens

<400> 26236						
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attctcacct	ccctccccac	ctcagtgttt	tgtctgtccg	cgcccaagaa	agataagcaa	180
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aggatggagc	acctctggga	caactaagag	ccaaggccca	ccaaggagtt	ttccacccgt	300
ctctcatggt	cacagcgcta	gtcattcatt	tttgagaagt	tgcttctttt	acatcagaaa	360
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<210> 26237
 <211> 480
 <212> DNA
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<400> 26237						
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cttacttctg	tttccttact	tctaacgcag	ggagtatctg	tcaactttac	ttgacctata	180
aagtgtacc	agcattttta	aagtaggaag	gtaaatccct	tagagtggga	atctgtgggt	240
ccttttctgt	ttctttttga	ctgtkacaga	gttgttcacg	catccatttc	aggtttctga	300

ttggtgtgtt	ctgtaatagc	aggtacagta	aaatcttact	agttcagtat	aattgagaaa	360
agatcagact	gatttttttt	aatgaattgg	aaattttcac	taagtgaaga	cgtaataatt	420
ttragtacat	ataggacata	ttaggtaaaa	tgtgtgaact	agatggcctc	tagactctcc	480

<210> 26238

<211> 195

<212> DNA

<213> Homo sapiens

<400> 26238

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ctgggccatt	ttattttgatc	cttaagaccc	tgtatgataa	ctggaatgcc	tgtagttcca	120
gctactcagg	atgctggagt	aagaggatta	cctgagacca	ggggttcaag	gccacagtaa	180
gctataatca	cacca					195

<210> 26239

<211> 520

<212> DNA

<213> Homo sapiens

<400> 26239

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cccaccaaca	gtgtaaaagt	gttcctatct	ctccatatcc	tctccagcac	ctgttggttc	180
ctgccttttt	aatgattgcc	attctaattg	gtgtgagatg	gtatctcatt	gtgggttttga	240
tttgcaattc	tccgatggcc	agtgatgagc	atttttttca	tgtgtctttt	ggctgcataa	300
atgtcttctt	ttgagaagtg	tctgttcata	tcctttgccc	agttttggat	ggggttcttt	360
gttttyttct	tgtaaatttg	tttgagttca	ttgtagattc	tcgatattag	ccctttgtca	420
gataagtagg	ttgcgaaaat	tttcttccat	tttgtaggtt	gcctgttcac	tctgatggka	480
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<210> 26240

<211> 336

<212> DNA

<213> Homo sapiens

<400> 26240

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aagagcatcc	ccagcagcga	tgttcattca	gtgcctctga	aggctggagg	gctgcttggt	120
gctgggtgag	actcggaggg	gaaccgactc	agggtcagga	atgatgacat	cccacgggtg	180
gtccacagtg	aagaatcttc	cccgcctccac	tgtgggacgc	cttaacagcc	cttactttcca	240
cttacgcttt	gcgttatctc	ctgaaaaata	aaatggagac	cacaaattcc	ttcttggtta	300
gaggaatgac	acaactcatt	tatgacatga	cccat			336

<210> 26241

<211> 166

<212> DNA

<213> Homo sapiens

<400> 26241

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gatttttaa	ctttccctga	ccatgtatct	ttaaagtaat	gtgtgagatc	tttgtaattc	120
tgtgtaacct	acagtactct	ttacagggat	aattttccct	tgaatt		166

<210> 26242

<211> 292

<212> DNA

<213> Homo sapiens

<400> 26242

ccctccttta gtaattagat aattatgtat aataagcaca ttaattatgt gcaacagctg	60
ccgttgagtg tgtgcatgta caactgcttg aaaacagctt gtgagttcac tattagggtcc	120
atgaaatttt tctccttggt aggttttcac tattaatttg cttgacaaag gatagatata	180
ttttccatgt gtggaggtaa aagcagtgc gtgagctaaa aagtttagcaa aggtgaagtg	240
gtcctaattct gcggccctgg tacacttaga taggcatcat tgcctttcct ct	292

<210> 26243

<211> 155

<212> DNA

<213> Homo sapiens

<400> 26243

ataagacatt tttttctgag tatgcagtgc taaactgttt cttttcttca agcattttta	60
caaagatgtc actacggtgt cttctggcat gtatagcttc tgaataataa cagattgaca	120
atgcagaaga aaagatcatt aaacttgaag acaaa	155

<210> 26244

<211> 130

<212> DNA

<213> Homo sapiens

<400> 26244

ttgaatacac ctttgtgtss ttcacacagc agtttacatc cagtgtgtgt accttcagat	60
gtatttgacc aaccacaacc tgtaggtaac aaaagaattg aatbccatat atctaccgac	120
atgccagcta	130

<210> 26245

<211> 149

<212> DNA

<213> Homo sapiens

<400> 26245

ccaacatcat ttacattact tgataaaaag tgggcaaaag gttaaagtat tctgccactt	60
ttctgtttca tagctctcag ctaagaacag tataggatac cagtgggtcc gaaacaggtc	120
ccatccacat gtcctctcct tttcccttc	149

<210> 26246

<211> 208

<212> DNA

<213> Homo sapiens

<400> 26246

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tataatgtat ttaaccagtc tcatgttaga catataagtt gtttcatttt tctgtygtwg	120
atgagacagt gaattatctt gttcctaaag cttggtgcat ttgtatgggt atttctgggg	180
tggagattcc tagaagtga gtgggata	208

<210> 26247

<211> 350
<212> DNA
<213> Homo sapiens

<400> 26247
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agattcagcg agcggctgct ggcttctgac ccattttgat gtcagggctt ggcacgtagg 120
asgtgttcaa tgttgatcga tccaaggctg tgcacatagg gtctaagacg gaagagaact 180
tcctgcccct cttggagctt ctattttaga gggagacacg gccagacagg tctcgaactc 240
ctggcctcaa gtgatccgca caccttggcc tcccaaatg ctgggattcc aggcgtgagc 300
cacsgecctt ggcctggtat gtaagtkttg gtastcttat tacaaccac 350

<210> 26248
<211> 183
<212> DNA
<213> Homo sapiens

<400> 26248
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tagtagagat ggggtttcac catgttggcc aggcctggtc cgaactcctg acctcaagt 120
atctgcccac cttggcctcc caaagtgctg ggattacagg cgcgagctac cacacctgac 180
acg 183

<210> 26249
<211> 450
<212> DNA
<213> Homo sapiens

<400> 26249
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tagtggagag ttatgcaaaa ttttgatact atagaatgtg ttcacctamc gggttgagcc 180
amsaagaggc tcctaaatct aagtctgtat gttaaata tagaagagac gatttagcat 240
cttacaatat ttctgtcgga ctcaactttg gagttgacct ttttgatgtg gcgggtaggc 300
ctgtggaatt tgtgagaaat ccttggaat tctttgtgct taaratgaat asvatcatat 360
tttgtggctc cttgaggtgc tgggggttggg gacctgggcc agggaaaatc asmtgtgaaa 420
cckccactca gtctttactt tcctttcttc 450

<210> 26250
<211> 227
<212> DNA
<213> Homo sapiens

<400> 26250
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gaagcaaagc cacccttcgg gaagaaaacg tcaccttgcc atacattctg tttcaacagt 120
gggtacacc ctaacagagc cagtsccaac aaacatttt gaatggactt aggacccatg 180
agggttggc tggcttaggc agcaacctcc ayattcccac aggcatt 227

<210> 26251
<211> 324
<212> DNA
<213> Homo sapiens

<400> 26251

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tttcctgata	tgcatggctg	cattttctct	gttcctgcct	acctcttcaa	ctttacctgc	120
tgctgttttc	tctttgcttt	ctaggttcca	tctgcctctc	tgttttctag	gttcctccgc	180
cacctgagtt	caaacgattc	tcgtgcccc	gccaccag	tagctgggat	tacaggtgca	240
tgcsaccacg	cccagccagt	ttttgtattt	ttagtggaga	tgggggtttg	ctctgttgcc	300
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<210> 26252

<211> 185

<212> DNA

<213> Homo sapiens

<400> 26252

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ggggaagtga	ttttttataa	agaggcatga	ggaaacttta	ggatgacata	aatgtttctat	120
gtctttatat	gggtgtgggt	acatgactgt	atacttttga	cagaggtata	tctaaaagg	180
gcacg						185

<210> 26253

<211> 204

<212> DNA

<213> Homo sapiens

<400> 26253

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gatctggcct	ggtcacaaaa	tcattactga	tgcatctact	taacagattt	tttttttaaat	120
gtctgtgggc	acataactag	aaaattggtc	ttctttctaa	ggggctgaca	tataaatggg	180
ggaaataata	accaggcagg	cgtc				204

<210> 26254

<211> 264

<212> DNA

<213> Homo sapiens

<400> 26254

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aaatgttata	tcttgacaat	ggtgatggat	acatggctat	atacattcgt	tgaaagtcag	120
ctgtccacta	atgtgactgc	attttatagt	atgtaaatta	tacctcagta	tagttgcttt	180
taaagaagat	gaagccagag	gacaggaaat	tggtaaacat	agtgtgtctg	gccatgtccc	240
ttcagccaca	gcactgccaa	cact				264

<210> 26255

<211> 361

<212> DNA

<213> Homo sapiens

<400> 26255

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ctcacatttt	ctcccatttt	ttagttccaa	agccacctga	tttgcaatct	cattacctaa	180
actatcatta	ctcaaatact	attataatam	tggcctctta	ttcctgaata	tctgtacttt	240
gttaggcacc	gttcttggtg	ctcttacatg	attttatctt	gatcacaaga	tcagtattgt	300
tatccctgct	taacagatgm	ggcagtyaag	caatcattca	ctcagggttg	catractaga	360

a

361

<210> 26256

<211> 67

<212> DNA

<213> Homo sapiens

<400> 26256

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<210> 26257

<211> 357

<212> DNA

<213> Homo sapiens

<400> 26257

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agtagaatat agttactctg tatctgcagg ggtaaagaaa ggccaagata aatattttcc	180
ctcacttaga cacagcaata atataattta aaccatttca cttctgatcc ttaagttgaa	240
gawaaagact gatcatttta tcattttcatt tattaactg caaaatatat ttttaccaaa	300
atattattatt garacaaatt tcattgggtt ccttgaccta ttgtaattct cttttaa	357

<210> 26258

<211> 295

<212> DNA

<213> Homo sapiens

<400> 26258

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tatattttaat ataattctac actactattc atgtcattta aagttaaagg atacttcttt	120
gttttggtt aacttttaaat ttttatagct aaatgtttac atctgttatg ttggcagtga	180
gatgtataaa agagctcaag gaagaactcg gattggaaaa aagaatttta agaaacgatg	240
gttctgctta acaagcagag agctcaccta ccacaaacag ccaggcaaag atgca	295

<210> 26259

<211> 298

<212> DNA

<213> Homo sapiens

<400> 26259

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gtgaatgtac acggtggaat tcttgtggat ttgagctttt actggggttag tgcagcttct	120
tcggtacccc ttgcagtttc cctggctgac gaatcatcag ggaattatgt ttaacatctc	180
aaagaaccag tagcaacttc atatttagag agatgcatta acaaattatt ggccaccttt	240
gtgtcagaca ctgttctagg tacttgggaat tcattgggtg atagacaaat tatgtggc	298

<210> 26260

<211> 354

<212> DNA

<213> Homo sapiens

<400> 26260

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tctttcatct	tcactctaga	acagactggc	actggtgaca	cttcaggcta	cataatcctt	120
tattttgagt	ggctctccta	tgcattgtag	gttttagcagc	gtccctggcc	tgtacacgct	180
agatgccaat	agctccttac	caccagttg	tgacaataaa	aaatgtctcc	atgtattgtc	240
atttgtcccc	tgggaggcaa	aattgtacct	cgttgagaac	cactctccta	gaatgtaagc	300
tccataaaga	cagagttttt	aaaaactttg	ttttactcct	gtatcttcag	cccc	354

<210> 26261
 <211> 457
 <212> DNA
 <213> Homo sapiens

ctgaagtctc	tggcccacac	ttgatggccc	taagttgccc	acaggcatct	tgtgccataa	60
actgtccctt	cagcccatg	ctatatgcca	ttagagtga	attgctggct	gcatattgga	120
ctctcctgga	aacaggctgg	ttgtcacccg	ccctcagcct	gtgactctcc	ataccagctg	180
ccaattatcc	cttgggtcct	gaaatcacac	cctaaaagtt	caacatagcc	actgaggttt	240
ccttgctgta	gcataagacc	aaacctggca	tatttcacct	ataggaaaaa	gtctcccacc	300
accaccctca	gcccttgct	aaataccatg	gtgctggtaa	aagtcacccc	ccttcccaga	360
ccctttggat	atctgtggaa	gcccttgcaa	tcaacagagt	gaagagtmaa	gggagtytct	420
ccactttata	gatggatatca	ctaccattgt	atgtgat			457

<210> 26262
 <211> 264
 <212> DNA
 <213> Homo sapiens

agaatcacca	aactcatatt	tctgttcagg	tctgaccatt	tttacaattt	tcatttgctt	60
atgtaaata	taccacata	ttatagttca	taatttgta	tatgtcagca	gatttcattg	120
aacttgagtc	ttaggtcaca	atagaactaa	caacatattg	gcttcattct	agtccaattt	180
gtttttcttt	atgcctacac	accaaggggtg	ttcgcttgaa	aacaagtctt	ccttcacctc	240
ctgctttttc	tcctcacctg	caaa				264

<210> 26263
 <211> 114
 <212> DNA
 <213> Homo sapiens

acagtaataa	aagaaagcct	ataagaatac	ctataagggt	aggcacatca	ccactgagag	60
amaaaaaaaaa	atcaaggagg	tttatgttaa	agtgagccct	atttaagagw	tasc	114

<210> 26264
 <211> 163
 <212> DNA
 <213> Homo sapiens

ctccccactc	ctccctaaga	tctasaaaac	tccagtccaa	atctctctsa	acactatgga	60
agggcacctt	ccagggtgct	gaasatatgg	cacagggttc	aggcttgctt	atcatcctcc	120
cggggccacc	agcacaacat	gatcccacca	ctccctacac	aac		163

<210> 26265

<211> 300

<212> DNA

<213> Homo sapiens

<400> 26265

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gttggttcca	agtctttgct	atcgtgaata	gtgccacagt	aaacatacac	gtgcatatgt	120
ccttatagca	gcatgactta	taatcctttg	ggtatatacc	cagtaattag	atggctgggt	180
caaatgggat	ttctagttct	agatccttga	ggaattgcca	cactgtcttc	cacaatgggt	240
gaactagttt	acactccaac	catgtaaaag	tgttcctggt	tctccacatc	ctctccagca	300

<210> 26266

<211> 160

<212> DNA

<213> Homo sapiens

<400> 26266

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atttcttttt	tacttatttc	cttttgaatg	tttttaaata	atatgaaaaa	gcttaagaat	120
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<210> 26267

<211> 345

<212> DNA

<213> Homo sapiens

<400> 26267

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atcctgggga	atacgaaaag	aggammaaag	agaccgtaac	ggggtagaca	acaaaacacc	120
gccatgccac	atacttaacg	ttgaactaga	ggaaaactct	attacaagcg	atacttctaa	180
tctgcttgcg	gtaaagattc	ataactggaa	aataagcatg	tgacagttct	gcatttgagt	240
gtaaacttaa	ctcattaatt	taaattagag	tgcttttttt	taacaaaggg	gaaattctag	300
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<210> 26268

<211> 360

<212> DNA

<213> Homo sapiens

<400> 26268

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ataacaatca	gaacattatg	tacaggcacg	gcatactctc	caaagatct	tggccactat	180
ggactacgat	ctttattttt	cttgagtggt	cggcaatctt	gggagtaacc	attggctctc	240
ttgttcattt	tctggcagtt	gagaagactt	actattatca	aggtgatttt	catatttctg	300
gagtcacata	cmatgataat	tgtgaaaacg	cagcttcaca	agccagcaca	aatctaagca	360

<210> 26269

<211> 411

<212> DNA

<213> Homo sapiens

<400> 26269

ccattttctca	ataactgttt	aaagayytcg	accagctgg	gactagtctc	ttgaatctcc	60
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tctttctttt tctccattgt cttatgaatc tttattgcct gttatttttg taagactttt 120
acatatggca gtgggtctgt gactactggc tataactgga tctggccaaa aaccaggctt 180
ggcccagcat taggatttgc gtttctgttt cgctattcca ggtaacaata atcaagggat 240
tatatagtaa ctttatttat tgtttatgta acattttctt atgtatccag tgaccaggc 300
accaggagt tggatccatc atttctcagt cccactggta acttttattt ctactaattg 360
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<210> 26270
 <211> 159
 <212> DNA
 <213> Homo sapiens

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<400> 26270
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tgggtgattt ctgcacctat caaccgctca tctaggtttt aagccccgca tgcataaact 120
gtttgtccca atgctctccc ttcctttgta cccacatc 159

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<210> 26271
 <211> 175
 <212> DNA
 <213> Homo sapiens

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<400> 26271
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gataacagaa agcaagagaa gtgtgagaac tctgaaagaa gaagttcaaa agctggatta 120
tctttacca caaaaaatta aggaagcaga ggaagaggat gaaaaatgta ccagt 175

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<210> 26272
 <211> 71
 <212> DNA
 <213> Homo sapiens

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<400> 26272
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attcgagagc c 71

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<210> 26273
 <211> 177
 <212> DNA
 <213> Homo sapiens

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<400> 26273
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gcagtgtctt aaatcattac aatacagtag ttgggaaata aactgtgaca gattgactct 120
aacataccaa acttcaccta atgattagtg gagctagtca tagattcttt gcctctt 177

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<210> 26274
 <211> 126
 <212> DNA
 <213> Homo sapiens

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<400> 26274
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aatcttttaa ccagatttat ttcttcttgc ctagagacca ttatgataat gcagcagggc 120

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<210> 26275

<211> 233

<212> DNA

<213> Homo sapiens

<400> 26275

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cagatggaca gattgcaaaa attttctccc attctgtagg ttgcccgttc actctgatga	120
tagtttcatt tgctgtgcag aagctcttta gtttaattgg atcccatttg tcagttttga	180
cttttgttcc cttactttt ggtgttttag tcatgaagtc tttgcccata cct	233

<210> 26276

<211> 89

<212> DNA

<213> Homo sapiens

<400> 26276

ccttttcctt ttccggttgc tgctataaca aattactgca aacttagttg tttgaaataa	60
cattaagttt attatcttaa cggttctga	89

<210> 26277

<211> 256

<212> DNA

<213> Homo sapiens

<400> 26277

tagctagatt aacaaagaat aaaatcagag aagatccaaa taagtacaat tcgagtttat	60
aaagatgaca taacagctga tcccacagag atcctcatag aatactgtgg acaattctgt	120
gcacacaaac tagaaaatct acaggaaatt gtcaaatccc tggaaacata caacctccaa	180
agattgaacc agaagagag tgaacacttg gaacagacca ataacaagtt aggaaattga	240
atcattaage gccatg	256

<210> 26278

<211> 318

<212> DNA

<213> Homo sapiens

<400> 26278

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cagcaactgca tttcttaatt cgtaccttcc tttccccctg agatgttcac attccatgct	180
cattttctct tgtttctcct attctttttc ctgggccatc taaacagctt aatagcttca	240
aatatcacac gtctctcaggt ctcttaaacc ttgatatcct gccagctct ttctcttaga	300
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<210> 26279

<211> 133

<212> DNA

<213> Homo sapiens

<400> 26279

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gccagtgaag ttactgacta gtttgtaa atattatgtgc atggtaggggt aaaaagacac 120
ttaggcaact ttt 133

<210> 26280
<211> 282
<212> DNA
<213> Homo sapiens

<400> 26280
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ccaacctggc caaacgtagc aagaccctgc ctctatgaaa aaaaattatt tactgaaagt 180
ctcttcacgg agctttaata ttgctaacat acattgggaa actaagaaat ggatagctta 240
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<210> 26281
<211> 172
<212> DNA
<213> Homo sapiens

<400> 26281
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ttgagaagag agaaacatct ttactctcaa gataatgctt ttaaattagc actttatacc 120
agggaacatt acagtgttct cttcccacat agcctgctgt ctgtcactgc ca 172

<210> 26282
<211> 151
<212> DNA
<213> Homo sapiens

<400> 26282
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gggtgcagaaa caattaggat ttttgtatct tgatgagtaa gccactgtat tttgttaaat 120
attctttgtt gtgaaatcta ctggctgaag a 151

<210> 26283
<211> 492
<212> DNA
<213> Homo sapiens

<400> 26283
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ctgttggtct aggtctaaca gttatgttct tccccctctt aagttttaat ccagggtgctg 120
gtttgccaac tgacaaaaag aaagggtggc catctccagr ggatgtagaa gcaatcaaga 180
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cctcttggan caagtcttgc ttttcgaaca tggataata gccttgtttg tgtagcaaaa 420
gtggaatcta tcagcattgt tgaaatgctt aagactgctg ctgataattt tgtaataataa 480
gttttgaaat ct 492

<210> 26284
<211> 194
<212> DNA

<213> Homo sapiens

<400> 26284

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tgatatgaag aaaagatgat tcttactgtg ggcttttagct ttttgTTTTT ctacaggggc	120
acgctgtgtg acaaagtaac ccagagttcc ccggaccaga cggTggcgag tggcagtga	180
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<210> 26285

<211> 248

<212> DNA

<213> Homo sapiens

<400> 26285

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ttgtggggac aacgaagtcc agaagagtga aaggaatga aaaagacagt ttgagagaga	180
aagtgggccc agggggccaa tgcgagtatg gaggctgtga aggccccgag ccctggaagc	240
ccagacat	248

<210> 26286

<211> 171

<212> DNA

<213> Homo sapiens

<400> 26286

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cctactcttc acattctttt ccccagttag cttacctagc ttttagttca gattcttctc	120
agaatcgtat ggtcaaagtc tggTgtttta tttcccttca tgtttcttct c	171

<210> 26287

<211> 293

<212> DNA

<213> Homo sapiens

<400> 26287

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cagtgtagag tttctgtttg gataattggg tggtcattac ttttatcttc ttgattttat	180
ttttttaaat gtctttaatg gtgatttttt ttacttttat aattaavaaa aattaaaagt	240
gacaacatat atgtatagta attaagaaaa atatcttctc gaattggggc gct	293

<210> 26288

<211> 215

<212> DNA

<213> Homo sapiens

<400> 26288

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ctttggggcc ctgaggctgc actcaaattg gattatggtc agttgtctga tggagctttg	120
tgttgTcacc acaacttgtg tttacacagc cccttcagcc tccctagggc atcattttca	180
gggctttgct cacgtcttga catctttccc cacat	215

<210> 26289

<211> 462
<212> DNA
<213> Homo sapiens

<400> 26289
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gcttccaccg catcatcccc cagttcatgt gccagggmgg tgatttcama aaccacaaat 120
ggcactgggg gcaagtccat ctatgggaag aagttcgatg atgaaaactt tatcctcaag 180
catacgggac caggtaggag ccagttggca tgtggtgacg agggaggctg ggcaagggtg 240
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ggaggagacc cagccaccag acataggaga accatgcagc cttgctaggg tggagtwngc 360
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ttggattctg tgggtctgctg ttgcaggctc ttatgctctc aa 462

<210> 26290
<211> 357
<212> DNA
<213> Homo sapiens

<400> 26290
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tttatctata aattgaagat aatattttct ttgcctcata ggaaaactgc acatgtaaga 240
gaaaatgaaa tgtcataaac cgagtgtacc tgtgtaactt gcacttaa at taaaaacaaa 300
aacagaacat tatcagtatc ccaggagggt tttacattct ccattgtgtt gtttcga 357

<210> 26291
<211> 190
<212> DNA
<213> Homo sapiens

<400> 26291
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scgccacttt ttttttcaga ataaaatcta aggtctatgt taaagagtat accagattaa 180
naccgcttg 190

<210> 26292
<211> 256
<212> DNA
<213> Homo sapiens

<400> 26292
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taatttttaa gaataaaatc acagtgtcat catagatata ttacttttva gttatatatc 120
acataatgat tlycttgta atagatgttt tagttaaatt atgaggatg gctgctgaga 180
tttgagtggt gacattatct tttatctcta tagttaatca ttcctattgc cttgaagtca 240
gaataaaaaa accccc 256

<210> 26293
<211> 325
<212> DNA
<213> Homo sapiens

<400> 26293

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cccgccacca	tgcccagcta	atTTTTgtat	TTTTagtaga	gacggggttt	caccatcttg	120
gtcargcytg	ggytsgaac	tcctgacctc	gtgatccacc	tgctcggca	tcacaaaatg	180
ctgggattac	aggcatgagc	caccgcgtcc	agcctagagt	tgggggtctt	tctatgttgc	240
ccaggttgt	cttgaactcc	gggcctctag	caagcctctc	atctcagcct	cccaaggtct	300
ggaattacag	gtgtgagcca	ctgac				325

<210> 26294

<211> 264

<212> DNA

<213> Homo sapiens

<400> 26294

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tttctgttta	gaaaatgtca	catctataca	catatatgtg	catgtatata	gatattttatg	120
catacatagt	gtgtgcatgt	gtgtatgtat	gtgtatatat	aacacacatg	cacattacat	180
atgcataaat	gtttwaattt	aataatattt	atatgcatca	atrtcttara	gatatatata	240
tatcattagc	tggaagctgc	ctgg				264

<210> 26295

<211> 323

<212> DNA

<213> Homo sapiens

<400> 26295

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agcacttttg	gaggccgagg	tgggtggatc	acctgaggtc	aggagtttga	gaccagcctg	180
accaagatga	tgaaaccccg	tctatactaa	aaatacaaaa	attagccggg	tgtagtggtg	240
catgcctgta	atcccagcta	ctccgtaggc	tggggcagga	gaatcgcttg	aatccgggag	300
gtggagattg	cagtgcgccc	tga				323

<210> 26296

<211> 200

<212> DNA

<213> Homo sapiens

<400> 26296

ctttccccgc	ccccctggat	cagagctttg	atctactttg	aaggtttaat	atataataat	60
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gtatctacaa	tttggtacct	tttagagaaa	tttacggaat	aatagtaaat	tttgaagcag	180
gatgccatca	gtctccctgt					200

<210> 26297

<211> 262

<212> DNA

<213> Homo sapiens

<400> 26297

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agcatcaaag	caaagttcca	ggcctctcag	ccggagccca	gcgacctgcc	caaaaaacct	120
ccgaagcctg	agtttggtaa	ctgaagaagt	tttcccagcc	tgagctaagc	gagcacccca	180

agaaggcccc gctgcctgag tttggtgcag tgctccttgaa gcccccgccg cctgaggtca 240
ctgacctccc caagaagccc cc 262

<210> 26298
<211> 158
<212> DNA
<213> Homo sapiens

<400> 26298
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tctttataga aatgtactgt acatttggaa tatgtagaaa atggggaaag caatcaaaaa 120
gaaaaaattc agatttctcc actcagagat gacactgc 158

<210> 26299
<211> 160
<212> DNA
<213> Homo sapiens

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accctacccc caaactcttc tggggaaaag atttgagctt tcttcatgtc tcctcatttg 120
gtggccctaa ggattaaaag ttcttttttc tgcccagccc 160

<210> 26300
<211> 426
<212> DNA
<213> Homo sapiens

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tggaagcagc atagtttatg gtgaagttct ggagtcctgc tcggwacaah bnagtttcca 360
acatttacta gctctgtgat actgggmagt cgtagaaaag amtgccmgtt ctgggacatc 420
aaaacc 426

<210> 26301
<211> 294
<212> DNA
<213> Homo sapiens

<400> 26301
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tattcccata gcacagccat gttatatctc tatttatact ttcattttga tactttgcta 120
tatttttaatt atggatttac atgcctgtct ttcctttgag gtgttattaa tcgtttttgt 180
atgcccctgg gcctagtcct agcatagtac ctactacata gtaggtgctg tgcaacaaat 240
aatggttgtt gactgcatga atgaatggtg agtccagagt ttggaatctt cttt 294

<210> 26302
<211> 395
<212> DNA
<213> Homo sapiens

<400> 26302
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tctcttttga attaatataac tttctttgaa ttaaataagt tttattattc cattttacac 120
cctttgttgg cytatattagc tatacagttg acccttgaac attgcagggg ttgcagcacc 180
aaccctctga acagttgaaa atctgtatat aacttttgac tccatawaga tgwgaagata 240
tatttactat tcattaagtg gaagtggatc atcataaaag tcttcattat agtcatattc 300
ccgttgagta ggctaggaaa aggagggact agtcttgctc tcccaggagt ggcagaggca 360
gaagaaaatc cacatgtaag tggacccgag cagca 395

<210> 26303
<211> 314
<212> DNA
<213> Homo sapiens

<400> 26303
caaatactct gcacaacaaa tgaacaggca gttaaaatta tgtgccaaagg tactcttaat 60
actcactaaa agtataaaca ggctttaagc tttctctata cttcattttc actttttgtt 120
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tagctcagga ggctgaggct ggaagatcac ttaagcccag cagttcaagg cccctgggca 240
atatagtga accatccttc ttaaaaaaac cactttttac cgagaccac ttttgtggag 300
tcatatcccc acta 314

<210> 26304
<211> 145
<212> DNA
<213> Homo sapiens

<400> 26304
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cgccttcaag gaggagggga gaataacata tctcaaactg aggtccctgg acctcttgca 120
tctgaatctg tcggggggaa ggggt 145

<210> 26305
<211> 452
<212> DNA
<213> Homo sapiens

<400> 26305
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ttactactaag acagtaagtt atctgtacta atgatggggg acagaggcwg agataatcta 120
aaaatggtgt ctaatctaaa atttatttcc tatttttcta ttgcaatctc tatgtattca 180
tagtccattt aaacctcagc cagttccctt caccttgtac cttccctttt tttgttcttc 240
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tggttacagt attctcywta ttagagtgtt aaactctggg ctaagataaa agaaaagcca 360
ggaagattat gaccaagtga cttaaattacc atctcaaactg catattatgt ttgagaagtt 420
gggaggatct gaggttcaga gaaaatgaac tt 452

<210> 26306
<211> 301
<212> DNA
<213> Homo sapiens

<400> 26306

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gatttcacag tgatttcctg actgtgatac taaaagcaca ggcaacaaaa gcaacaatag 120
acaaatggaa ctgcatcaaa cttaaaatct tctacacctc aaagaaagaa gccagcagag 180
ttgtattagt ttttacactg ctgataaaga cataccgag actgggcaat ttacaaaaga 240
aagagattta ttggacttac agttccatgt ggctggggag gcctcacaat catggctgaa 300
g 301

<210> 26307

<211> 112

<212> DNA

<213> Homo sapiens

<400> 26307

atattagggt tatatattct gggaatttag tatgtgtgtg tctgatagag agatgggggtt 60
ctctttttat acaggagagt ggagaggtg aatttatatg tattagaggc aa 112

<210> 26308

<211> 227

<212> DNA

<213> Homo sapiens

<400> 26308

cactattata aaatctaaga tcagtgcctg agatatattg cagaccccgt acttgamgga 60
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acagaagaca gcaagaaaac ctcacttcaa cactcccgtc gatgactcca tcgacctcag 180
gaagctccaa ccaatcagca ctcccactt cctgagcccc taccgcg 227

<210> 26309

<211> 430

<212> DNA

<213> Homo sapiens

<400> 26309

aggyctccac ggctgtggag agatcctgcc acgggccttg ttcaccatgt cgggtgctgga 60
tgcgcttttg gaggatcggg atgtccgttt cgacctgtcc gcgcrsaaat gaaaacaaga 120
cctggagaag tccttattga ttgttttagat tccattgaag acaccaaagg aaataatgga 180
gatagagaaa ttacgaggcc aaactgaagc tctctatata ctaacaaaat gtaacagtac 240
tcgttttgaa tttatattta caaatttggg tcttggaagc cctagacttt ttacttctgt 300
gatggcagta cacagagctt atgaaacttc taaaatgtat cgtgattttr wattaagaag 360
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aatggagttt 430

<210> 26310

<211> 109

<212> DNA

<213> Homo sapiens

<400> 26310

aaaggaaaaat aaagttagtt ctttttggtg ggaaagaaga tttcatgtta tctgtgtttg 60
caggctttct ggctcatctg ctggaggaat ccttgctgctg ggggtggcg 109

<210> 26311

<211> 409

<212> DNA

<213> Homo sapiens

<400> 26311

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ttcatccttc	gcttgaacac	tttcttaaag	gactaaaact	taagatgtct	gccagtagt	180
tagtaatgac	tccaacaagt	ttcaaagttt	tgtttaggtt	ggcttatttt	tatttttagt	240
ccttaatcat	aattaaaaga	tatggccatt	tctgatgaac	tgactactt	ggaggtctac	300
ctgacagatg	agtttgctaa	aggaaggaaa	gtggcagatc	tctacgaact	tgtacagtat	360
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<210> 26312

<211> 301

<212> DNA

<213> Homo sapiens

<400> 26312

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tgctgcctga	tcagaggaaa	gaaaatgaat	gcacatgcaa	cagcttcagg	tgaaaataca	120
cagtcsthgt	tcattgccat	gtcatagacc	acaagtagaa	tgagtagaaa	tttagagact	180
ggagagctct	ggggtttggg	tatctgtgtt	aggttcagga	atgttctggg	tgatggggca	240
ggactttttac	tcaacttgta	gagtattagt	atactgtgag	aggtaatcat	taatggcaca	300
g						301

<210> 26313

<211> 103

<212> DNA

<213> Homo sapiens

<400> 26313

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cggaaagtta	aaatgtcacg	tcttaatttc	arttttccta	atc		103

<210> 26314

<211> 361

<212> DNA

<213> Homo sapiens

<400> 26314

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ctatcaggtg	gttgtatgca	tgcacaccta	cccccaatat	ggacgtgtct	caaaaataatt	180
tgctaaatga	aagaagccag	tcaaggaaaag	aggacctact	gtgagattct	gctgacatga	240
aatgatgcc	tttacacata	gtttcattgt	ctctccatt	tatttcatta	attaatttat	300
tttttgga	tgaggttttg	ctctgttgcc	caggctggag	tgacgtggca	caatctcggc	360
t						361

<210> 26315

<211> 146

<212> DNA

<213> Homo sapiens

<400> 26315

ctaagtgc	ta	ggcagtacaa	tgacagatag	atctttcttc	tgccctgatg	gggtttacaa	60
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aggtgataag taaaatagtt acagattatg ctagtgccat gtaggatagc atactgtttt 120
agactttact gtggatagag atgggt 146

<210> 26316
<211> 193
<212> DNA
<213> Homo sapiens

<400> 26316
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ccatttaggg agaaatgttt aaatctctgg tataagttta ctccatacca gagtaaaacta 120
tatattactc tatataagca gtcttgcaat aactaatcac caccatagaa gaaagaaaca 180
gactgcaagg atg 193

<210> 26317
<211> 305
<212> DNA
<213> Homo sapiens

<400> 26317
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atgaagtcac acaaccacta gcatcacaaat aagtaggtag agtatttcta tcaactcccc 120
aaagttcctt aattctcctt tatagtcaca tcttcccacc acctcaaaca cttggcacca 180
ctgatcaatt tttttgtctg tatagttttg ctttttccat aatggcatta tgtagttttt 240
tgagtttagc ttcattcact tagcacagtg catttcagat tcaatcatgt tgcttcatac 300
aggtg 305

<210> 26318
<211> 424
<212> DNA
<213> Homo sapiens

<400> 26318
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cccagTTTcc cttattattt tgagacaggg tctcactctc tctcaggctg gagtgcagtg 120
gcccAatctc ggcttactgc taccttggcc tcccgtttca agtagttctc ccacctcagc 180
ctcccgggta gctgggacca caggcatgca ccaccatgcc cagctaattt ttgtattttg 240
ggagagacgt gatgtcacca ttttgcccag gctggtcttg aactcctgag ctcaagccat 300
ctgcccacct cggccttcca aagtgtctggg atttcaggcg tgagcamkra cacctgggtc 360
agtttccctt attattaaca tcttacatta gaatggtaca tttgccataa tkahnbaagc 420
catt 424

<210> 26319
<211> 229
<212> DNA
<213> Homo sapiens

<400> 26319
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ctaaatgctc acaagagaaa gcaggaaaaga tctaaaattg acaccctaac atcacagtta 120
aaagaactag agaagcaaga gcaaacaaat tcaaaaagcta gcataaggca agaaataact 180
aagattagag cagaactaaa ggaaatagag acacacaaaa ccctccaaa 229

<210> 26320

<211> 390
 <212> DNA
 <213> Homo sapiens

<400> 26320
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 gaacttaggt accttttttt aaaaaataa tggtaggggt tcactgtgtt gccaggctg 120
 gtctcgaact cttgagctca agcggctctgc ctgcctcggc ctcccaaagt gctgggatta 180
 tagggatgag ccaccgcacc cagccttagg tacccttttg atttggttcc agagagggt 240
 cttttagtta ggaaggccat taatgttagt gttacttctt ggtaaattga tcaactcctt 300
 gtttctactga gcatccaaat catgctgaca aagttagtct ttattcaagg ataaaaccta 360
 tgctggtttt atcagttccc ccctattvbd 390

<210> 26321
 <211> 208
 <212> DNA
 <213> Homo sapiens

<400> 26321
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 aaccgaacca aaaccatsaa ataattaaca tgcgttctca aaaatatatg cacatttgta 120
 tgctgcaaaa tataacacat gttgagagat aaaaagagct acataaatgt agactcagat 180
 ctacatattc agcacaactc cagcccat 208

<210> 26322
 <211> 241
 <212> DNA
 <213> Homo sapiens

<400> 26322
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 aatctgaagc agcagaacct ccaaaaaactc caccctcatc ttgtgattcc accaatgcag 120
 ccatcgccaa gcaagccctg aaaaagccca tcaagggcaa acaggccccc cgaaaaaagt 180
 aagtgcceca ttcagtcctc ttctaactgt ggagcagttt ggttcctctg atgccaggga 240
 a 241

<210> 26323
 <211> 208
 <212> DNA
 <213> Homo sapiens

<400> 26323
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 gtaacactca ctgggaatgt ctgcagcttc actcctgaag ccagcgagac cacgaaccca 120
 ccaggaggaa caaacaactc cagacgcgca scctaagagc tgtaaacactc accgcgaagg 180
 tctgcagctt cactcctgag ccagccgc 208

<210> 26324
 <211> 58
 <212> DNA
 <213> Homo sapiens

<400> 26324
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<210> 26325
 <211> 167
 <212> DNA
 <213> Homo sapiens

<400> 26325
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 agtgcaatgc cgtgatctcc gctcactgcc acctccgect ctctagttca aagcgatttt 120
 cctgcctcag cctcccaggt agctgggatt ccaggcgccc gccacct 167

<210> 26326
 <211> 339
 <212> DNA
 <213> Homo sapiens

<400> 26326
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 gagacagcaa ctgctcctcc ctgaaatgca caagcctgga gctgarggat gcctgttcct 120
 gagtgtcacc tggagtgtcc aggtatcttt ttatatcagg aagtgcagtc agtgagtgtc 180
 gtgggtccca cctgtggggc acctgccttg atgtcaggaa cacctcagcc ttctagtctc 240
 ggagacaaac cagccagtgg caggaaagta aacaggattt cgatcagaky ccatctgtcc 300
 tcatcccggtg actaggaatg gccaaagtctc agcccagaa 339

<210> 26327
 <211> 420
 <212> DNA
 <213> Homo sapiens

<400> 26327
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 gtattgccat ttttagagcac agtagaatat atatctgttg cagcactatc caaaatattt 120
 gctgtcgcag caacataccc atatcaagtc gtaagagctc gtcttcagga tcaacacatg 180
 ttttacagtg gtgtaataga tgtaatcaca aagacatgga ggtgagagca cgtgctatat 240
 caaaaattgc tttgacaagg taccttgcat atcttagacc atcctgttga tactagtatt 300
 atagcaaagg ccagtttgta gnnhgtgaaa rctttnttgg tggteccctgc tttcccagtt 360
 attacgtatg tgaccatggc cttaatctct ctgagactta atttcttcat ttgtaaagta 420

<210> 26328
 <211> 184
 <212> DNA
 <213> Homo sapiens

<400> 26328
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 tttgtgtatt taaccataca aggtactatt atagcataag aatctcctgc caccatccca 120
 tcaccaattg atcatttaat gatcacttca actttatatg cattgtaccc atttttggat 180
 agag 184

<210> 26329
 <211> 287
 <212> DNA
 <213> Homo sapiens

<400> 26329
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tcgtcttga tggccacaag ggtctcactc tgtcaccag actggagtgc agtggtgcaa 120
tcttggtca cagcagcctc aacatcccag gctcaagtga tcctcctacc tcagcctccc 180
tagtagctgg gactacaggt atgcaccacc acacttggct aatttttaaaa aattttttgt 240
agaaatggat ctactatgt tgctgaggct ggttttgttt ttttttt 287

<210> 26330
<211> 212
<212> DNA
<213> Homo sapiens

<400> 26330
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cacttcaatt ttttagttg tctcccagag ctccgtggaa tttcctttct ctgctttaac 120
gtacttttaa aaggtaattt tactaaaaaa tgcataatgt aaaaagatga aataatataa 180
aaggcatgt gacaaaatgt ttttccacc ct 212

<210> 26331
<211> 103
<212> DNA
<213> Homo sapiens

<400> 26331
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acagcgtaca agggctccaa cttcttcaca tcctcaggag cat 103

<210> 26332
<211> 181
<212> DNA
<213> Homo sapiens

<400> 26332
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tcagttaaaa tgtctgtttc aatgacctgt attttgccag acttaaatca cagatgggta 120
ttaaacttgt cagaatttct ttgtcattca agcctgtgaa taaaaaccct gtatggcact 180
c 181

<210> 26333
<211> 338
<212> DNA
<213> Homo sapiens

<400> 26333
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tgatgtgaaa ggatgtcttt ttttcttct gatattgaag tggcttagga aaacagacct 120
aaactaagaa ggtgtagaaa tgtgagactt gtttgtttgt ttgtttgttt gtttgagacg 180
gaatctcgct ctgtcgccca ggctggagkg cagtgggtgca atcttggtc actgcaaggt 240
cgcctcctg gggtcatgcc attctcctgc ctacgcctcc tgagcagcta ggactacagg 300
cacgtgccac taggccagc taattttttt ttttttt 338

<210> 26334
<211> 398
<212> DNA

<213> Homo sapiens

<400> 26334

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ctgcattaag	ctgtcttctt	tgtgtaacct	ccttccagt	acctctgtg	cctttctccc	180
aaatcaagat	ggtttctttt	taaaaatagt	ttaaattcat	tcttaagata	aatgaaagta	240
gagtctgagg	atatatttaa	tcccttttaa	ttttacctct	gctctccttt	tcacccatcc	300
ttcatcacta	tccacagttg	aactaggcat	cttattcctc	ttctatwatw	tttcttagcc	360
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<210> 26335

<211> 300

<212> DNA

<213> Homo sapiens

<400> 26335

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agcagcagtg	ttatctggat	actgaatctt	gggtagcctc	tgctaagact	agaccctcaa	120
gggcctgaag	cctaaggtag	tagtggccat	ggctgctgac	aaaagtagca	gagcctcttt	180
gctggaaagc	ttccccattc	tcaattttaac	cctgtaagac	tcttgctcat	taaaatctag	240
taatggcctc	atagtctgtg	gttactaaat	aaaatagcac	taggacttat	tggtacatga	300

<210> 26336

<211> 178

<212> DNA

<213> Homo sapiens

<400> 26336

atgttatttc	acaataattt	ttggaaattt	tctgttttag	tctatgtgag	tcatgtaaaa	60
attataaaaa	cttttaggaa	ctcaagcagc	cttcaatcag	tgaaagaact	gttttagcatg	120
ataatacaaa	aataaaacct	atagtatttt	ggcaccttat	aaagctcccc	tttcgcct	178

<210> 26337

<211> 148

<212> DNA

<213> Homo sapiens

<400> 26337

gtcgggtgaag	cggcagtkgc	ggcggcgggc	gcggctcggc	aggcggggtc	aggcttcggg	60
ggccagaaac	aaaccggaag	cagtagargt	aacatttgca	gatttcgatg	gggtcctcta	120
tcatatttca	aatcctaatt	gagacact				148

<210> 26338

<211> 209

<212> DNA

<213> Homo sapiens

<400> 26338

aatattgatt	ggacaattgg	aggcatgagt	tctcagtgt	tcttggtttt	gtaccattgt	60
caatgtattc	aagtcagtgt	aatgaatgat	gtggctaggg	acccatgttg	agtcatttgg	120
aagaacattg	caggcacctt	ggtttttaga	aaggctaatt	atcctgggtg	tctgtctaaa	180
ggttcagagc	aattgaggag	cctactgct				209

<210> 26339
 <211> 248
 <212> DNA
 <213> Homo sapiens

<400> 26339
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 cttcttccca cgatttctgt ttttgcttct ccaaggaaaa tggcagctcc cgagcagccg 120
 cttgcgatat caaggggatg cagcagctcc tctcgccttt ccccgctcgc ggcgaccga 180
 accttctggg caggcacctg ccggctgagc ttactgctga ggagaaagag gacttgctga 240
 agtacttc 248

<210> 26340
 <211> 273
 <212> DNA
 <213> Homo sapiens

<400> 26340
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 tatcccagac agaaactctg tctcctttag aaaataaatt cccattctct ccttacccca 120
 gcccctggta acctctagtc tactttctgt ctctatgaat ttgcctattc taggtaccat 180
 gtataagtga aaacatgcaa tattcatctg tctttttgtg tgtctggctt gttttactta 240
 atgttttcaa ggttcatcca tgttgacgca cac 273

<210> 26341
 <211> 328
 <212> DNA
 <213> Homo sapiens

<400> 26341
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 ggctgggatt acaggtgcct gcccccgctg ctggctaatt ttttgtattt ttgggtggaga 120
 tggagtttca ccatcttggc cgggctgggc ttgcactcct gacatcatga tccacccgcc 180
 ttggcctccc aaagtgcctg gattacaggc gtgagccacc atgcctgacc catcatagta 240
 gattcttaag gatgctttct acaaatgcat tgtgctagtt ggatatcttt tggcatgatt 300
 gttacacggt tggcatggat aacataca 328

<210> 26342
 <211> 223
 <212> DNA
 <213> Homo sapiens

<400> 26342
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 ttctctctgc tgtagacaac cagcaatctt tctctaaagt tttgtctgtt ctagaccatc 120
 atatgaatgg aatcatgcaa aatgtggtct tttgtgactg gcttcttttg ttttaacataa 180
 tattctaaaag tttcgttcat attgtggcat ttatcagcac cca 223

<210> 26343
 <211> 391
 <212> DNA
 <213> Homo sapiens

<400> 26343

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ttattattat	taaragggtt	aatttggttt	gatagcactc	tgtttaagaa	aggacaagct	120
ctaattacta	attggtgttt	tgagaagcaa	aaagcatcta	cattatcaca	atatattaca	180
tattaagtaa	tttttatctt	gaaaggagta	tgaaccatga	tgtgaaatga	tgagtagtgg	240
aatcactaa	tacttaagtt	cattatatgt	atttbytgtt	ttgtwttgtt	ttgttttgag	300
atgacatctt	gctctgtcgc	ccaggatgga	gtgcagtggg	rmgggtctcg	cttactgmaa	360
cctccacctc	ccgggtataa	atgattctcc	t			391

<210> 26344

<211> 208

<212> DNA

<213> Homo sapiens

<400> 26344

gcctacctcg	ctgggaccct	ggctctgctg	tcccccgctg	gcctcctgcc	caagcgactg	60
cggccaggat	gggccggaag	gtgaccgtgg	ccacctgcgc	actcaaccag	tgggccctgg	120
acttcgaggg	caatttgcaa	agaattttta	agagtattga	aattgccaaa	aacagaggag	180
caagatacag	gcttggacca	gagctgga				208

<210> 26345

<211> 152

<212> DNA

<213> Homo sapiens

<400> 26345

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aaataagtat	tatttttgat	gcttctctaa	ggaattgttt	ttcttttcct	tttttttttg	120
agacggagyc	ttgcyctgtm	accgcbactg	ga			152

<210> 26346

<211> 130

<212> DNA

<213> Homo sapiens

<400> 26346

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tcctcttcc	cctcctccct	gtctgttccc	tggcagatca	ggctcttcac	gcctctttca	120
catacccaa						130

<210> 26347

<211> 427

<212> DNA

<213> Homo sapiens

<400> 26347

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caaagttctg	taccagatga	agttgaaggc	aggttacact	gccccgggtg	ggcttataat	120
tgacctggaa	atatttccag	agttaggtaa	cagacagaat	accttccctca	ttctcagctg	180
ttattttgga	acagagaact	ttacaaaagc	tttgtctttg	taaataataa	aatgttacac	240
actgataaaa	agtattccag	aaaccaaaca	cataacacca	ttttttaatt	ttagaaaact	300
gccattgctc	ttacttagaa	tgccagtgtt	ttctgaagg	tcaaaacact	gaagttacag	360
acgattaana	cattgcactg	ttacaactgc	tgctttccac	atgggttctg	ttcatacagt	420
ttttaga						427

<210> 26348
 <211> 381
 <212> DNA
 <213> Homo sapiens

<400> 26348
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 atgttgcca atgttatata gtgaataagc agcagaatgt gaactacaac ccagggtctcc 120
 tgacacctca gccagggtct ctaacatttc accagaaacc tctggaaaac tgaaataaat 180
 gtccccccagc ccattttacaa ttgccccccct ggtggtggaa tccaagccca gcttcccttt 240
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 aaatgcatac atatatgtga tagagtggga aaatatccca gggagccatg attaccagag 360
 tactccaaga atgcagtatt t 381

<210> 26349
 <211> 181
 <212> DNA
 <213> Homo sapiens

<400> 26349
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 acacttatgt agacttgata aacactgtac acctagccta cactaaattt ataaaaagta 120
 tttttttatt caataataaa ttaacgctag cttactgtaa ctttttaatt taacagactt 180
 g 181

<210> 26350
 <211> 141
 <212> DNA
 <213> Homo sapiens

<400> 26350
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 ggatattgtg aatcaagttc ttgatgaaat tgggaattgaa atttctggaa agatggccaa 120
 agctccatca gccgctcgaa g 141

<210> 26351
 <211> 196
 <212> DNA
 <213> Homo sapiens

<400> 26351
 atgtttggga tttggtagaa aggcaaaaag taggatattt tgacctgact ggaaagatgg 60
 ttgtgttttt attgccaggc aataagtgtg atcattgttg aacttcagct ccagtgtctc 120
 tccagaataa gacattggca ttcaaattgc tatactctgt tacttacaaa ataaaaaaca 180
 gataattagt ggctga 196

<210> 26352
 <211> 302
 <212> DNA
 <213> Homo sapiens

<400> 26352
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 gcagaaagtg tccttttagt ggcttcttaa aattgagtgg cattttataa tgaacttacc 120

aatataaaaa catgatttgg ttcctgagct gttgttgttg gacttgtgtt ccaatgagtg 180
 actaggaaaa aataaattgg caaaaaccta gagttttctg ctatctttgc tggaaatgag 240
 ttgcaaaagt ttttctcaag atgtagtgcg taattgatca gagcaaaaaca tgcagagccg 300
 cg 302

<210> 26353
 <211> 180
 <212> DNA
 <213> Homo sapiens

<400> 26353
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 gacaccaaag aaattcagtc gaacagccca ccagttctct ccatagggac ctgggtcccg 120
 tgaatgctgg ttatctcaca ccctgaggaa taaagattgg aatccgcact ggatgctgga 180

<210> 26354
 <211> 211
 <212> DNA
 <213> Homo sapiens

<400> 26354
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 tgggctcaag caatcctcct gactcagcct cccaagtagc tgggactaca ggcattgtca 120
 actgatacaca ggtctttctc attccctgaa cttcgccctg gaacttctct ccgtaaaaga 180
 tgttgcccac ttgccatttc taggccagta g 211

<210> 26355
 <211> 172
 <212> DNA
 <213> Homo sapiens

<400> 26355
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 acctgcccc aaagcccaca gaactggccc ccaagcccca aattggagat ttgccgccta 120
 agccaggaga actgcccccc aaaccacagc tgggggacct gccacccaac cc 172

<210> 26356
 <211> 265
 <212> DNA
 <213> Homo sapiens

<400> 26356
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 gccgggctac ctctgtaaat tttttatgca aaattgtagg tgtttgggaa aagattcgat 180
 tttcagagaa cttatctcc aaaatgggtc taatctactt ctctaggagc acaaaatggg 240
 cttacgtagc tgcaaggcag ggaca 265

<210> 26357
 <211> 317
 <212> DNA
 <213> Homo sapiens

<400> 26357

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tctcttgga	tcattctgaac	tatggggcta	acttactctc	actctactac	aaaaatttaa	180
ctaacaggaa	taatcgtaaa	gcaaacattt	taagtgtatc	ctgaataaaa	aattgtctcc	240
atgcttctcc	attctgcttt	ctcatcttct	aacaaaaact	accagaagag	actaaggact	300
aaattttggg	acagctt					317

<210> 26358

<211> 94

<212> DNA

<213> Homo sapiens

<400> 26358

ggggatgtgg	cccgtggcct	agctcgtaaa	gttgccgtgg	cgcgagagaac	tctgcaaaaac	60
aagaggctga	ggattgcgtt	agrgataaac	cagt			94

<210> 26359

<211> 215

<212> DNA

<213> Homo sapiens

<400> 26359

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aaacactttg	attgatttcc	caataccttc	taagcaaaaa	ttgtcagtac	tttgccctgtc	120
tttaagaggc	ctttactaac	tggcctctcc	ttattagctt	tatttgcccc	aaatctgaac	180
tcaccttgta	tttttagcaa	atactcagca	cccc			215

<210> 26360

<211> 468

<212> DNA

<213> Homo sapiens

<400> 26360

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tttccccacg	taactcccag	ctctgggcct	agagtgcgtg	catggcgaag	tccccggaga	120
actctaccct	ggaggaghtt	ctggggcagt	atcaacggag	tctccggggg	tgttcttgca	180
gaacatgcc	gcagaagcat	tcaccaactg	acatgtgcc	tgaaagaagg	cgatgtcact	240
attggagaag	atgcaccaaa	tctttctttt	agcaccagtg	tgggaaatga	ggacgccagg	300
acagcctggc	ccgaattaca	acagagccat	gctgttaatc	agctcaaaga	tttgttgccg	360
caacaagcag	ataaggavta	tgaagtatct	ccgtcaagaa	gaagaaaaat	gtcccccttg	420
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<210> 26361

<211> 161

<212> DNA

<213> Homo sapiens

<400> 26361

catttggttaa	wagtagattt	agtggcattt	ttagatgcct	atttttaagc	ctaataaaaag	60
tatgtccgaa	ctaacttaga	agtttctgtt	aacaggccat	aaatatataa	cgacagaaat	120
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<210> 26362

<211> 307

<212> DNA

<213> Homo sapiens

<400> 26362

waacaaaatt	tttaaaaata	ttttttggga	aaagaaggct	caaatacaga	gtcttttagat	60
ggggtagtaa	gcagttttgg	gtgaggaaaa	ctgttcacat	ttaaccccc	acctccccca	120
aaaccctaca	gatagataag	agttaaatat	aaaaaaatca	aaacaaaaaa	taggatttgc	180
tgattcctct	gggagatgga	aactttccaa	agtggaagca	gttggaaaaa	taaagagaga	240
aaaatggaca	gattccacta	gaaatacgtg	cagtgaaaac	agggaaagca	grcaaaaagg	300
ggggctc						307

<210> 26363

<211> 158

<212> DNA

<213> Homo sapiens

<400> 26363

gcacacacat	tctcctgagg	gccngtgcct	ggaaacaaag	gccacccccg	ccggccggaa	60
acttctaggc	tggcaatgga	gatgggacat	ctggtgaccc	cctctgtatc	ttcctctccc	120
ttggggtcct	ccaggaaggg	ctgcgtgata	aatgaccc			158

<210> 26364

<211> 159

<212> DNA

<213> Homo sapiens

<400> 26364

caaaggaata	taaatcagcc	ttaaaaagga	aggaaatcct	gtcacattgc	tacaatatgt	60
cctataggac	attatgctaa	gtgaaataag	ccagtcacaa	aaagacaaat	accgcatgat	120
tccacttaca	tgaggcaggt	aaagtaggca	aattcacag			159

<210> 26365

<211> 227

<212> DNA

<213> Homo sapiens

<400> 26365

cttcatgact	tgggtaatgc	ttaatttctt	gtcttgcata	ttctgaacaa	tgttgaagaa	60
acctgtttct	cctctccttt	tctccaatgg	ctcagcaatc	atttgggcct	gactttttata	120
tactcaagtt	attagaatct	cttgagttgg	gagctaaatg	ttaggaccca	tttcttccac	180
cttattttgtg	gagtgccttct	ttttatgtct	cccattctga	gttaacg		227

<210> 26366

<211> 247

<212> DNA

<213> Homo sapiens

<400> 26366

taaaggggag	acctggccag	aggaatcatc	aacagtggat	ttgtgatgac	tggagttcat	60
ttccttcttt	ctcaactgtc	ctggaaggaa	atggactagt	gccttacctc	tgactcttcc	120
gcagcacaca	cccaccacca	gagacagtaa	ctgagatctg	cagtagcaca	gaaacttaca	180
ggttagaaaa	attagacacc	taaggatttc	atgactccag	acctgtttcc	ttagcataat	240
accacac						247

<210> 26367
 <211> 283
 <212> DNA
 <213> Homo sapiens

<400> 26367
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 accttgagta aatgtgtgta atttctgaac tgcccatttt aagatttgat tccaaaccta 120
 tcccattctt ttacttgaag catatgcctc tcaattatag ctaacatcct ggttctttgc 180
 ccaagcctct gaggcacagt tatgtaatcc ccattcttat aaagaggctt gtagaggtta 240
 atttgcaact tcattgtaga gagagagagt aatcagcccc tcg 283

<210> 26368
 <211> 128
 <212> DNA
 <213> Homo sapiens

<400> 26368
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 tattttttat atttctaaat gcaaaaagct cattttgtta cttttctcat gaaatcatag 120
 tctgtgcg 128

<210> 26369
 <211> 203
 <212> DNA
 <213> Homo sapiens

<400> 26369
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 ttgggacacc accccccccg gccccaccag agggcatcag ctatgcctag aaggggacca 120
 caacagactc gacaggatcc accggttggg cccaaggcag gaggaagggc ggcgccccaa 180
 actcccagga cgctgcagc ccc 203

<210> 26370
 <211> 134
 <212> DNA
 <213> Homo sapiens

<400> 26370
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 ttttgatgca ggaaaatttt taattttcat gaagtcgcat ttgtctgttt tttcttttgt 120
 tgctgtgcc tatg 134

<210> 26371
 <211> 90
 <212> DNA
 <213> Homo sapiens

<400> 26371
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 tttttccaga tgttcctcct ctacctcccc 90

<210> 26372
 <211> 130

<212> DNA

<213> Homo sapiens

<400> 26372

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tggegcgatc	tcggttact	gcaatctccg	cctcccggt	tcaagcgatt	cccctgcctt	120
agcctccaag						130

<210> 26373

<211> 153

<212> DNA

<213> Homo sapiens

<400> 26373

aaaagagtgg	cttaattgac	tcacagttct	gcaggctgta	caggaaacat	ggctggggag	60
ccctcagggg	acttacagcg	ggagaacggg	aagcaggcac	atcttaggag	gaagactgca	120
taagaggaaa	tgctacatac	tttttttttt	ttt			153

<210> 26374

<211> 219

<212> DNA

<213> Homo sapiens

<400> 26374

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taatatgtta	taatttcata	atacaaccac	actgatctag	acacttattt	gttgtaggaa	120
acttaagatt	ggctctttta	gtgctagagc	tctaattttg	atgaacgtta	tatcttgaat	180
gtactacgta	actccacact	atgttaaacc	cgacagtta			219

<210> 26375

<211> 236

<212> DNA

<213> Homo sapiens

<400> 26375

caaaaaaggc	agtwaccatt	aaaccatctc	cctggwgctt	atgctcttaa	ttgccacctc	60
taacagcacc	aaatcaaaat	ctctccactt	tcagctgtct	tttgaggagc	gtacgtaata	120
aggttttaat	ttagtaaacc	aatcctatgc	atggwttcag	cactagccaa	acctcaccaa	180
ctcctagtgc	tagaaaaaca	ggcacttggc	agccttgtga	tgtcatacag	agaagt	236

<210> 26376

<211> 242

<212> DNA

<213> Homo sapiens

<400> 26376

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cttcatttgc	caggatttat	ttgggggtgg	ttgattctct	tgtagggaat	ctgagtggaw	120
aammttggtta	tawaagagcr	ggcaaggccc	ggacctactg	ggaacaagag	atggaagagc	180
tgacttgacc	gcgaggggag	atgctttttg	ggctggaggg	cwwgtgacat	gaataggatt	240
at						242

<210> 26377

<211> 368

<212> DNA
<213> Homo sapiens

<400> 26377
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tgtaasactc actgggaatg tctgcagctt cactcctgaa gccagcgaga ccacgaaccc 120
accaggagga acaaacact ccagacgcgc ascttaagag ctgtaacact caccgcgaag 180
gtctgcagct tcaactcctga gccagccaga ccacgaaccc accagaagga agaaactcca 240
aacacatccg aacatcagaa ggagcaaact cctgacacgc cacctttaag aaccgtgacm 300
ktcaacgcta agggtcgcgg cttcattctg gargtcagtk rrgacwagga acccaccaat 360
tcsgacac 368

<210> 26378
<211> 154
<212> DNA
<213> Homo sapiens

<400> 26378
tctaggaac tatgattctg gttgttcagg attgttatta ttatagttgt gtaaaattat 60
tttattttgt gtgtattgtg cacagcttgg gggggcgagg aaatgcacta attgtgctct 120
tccttataaa tggtagatat tactgacaca gacg 154

<210> 26379
<211> 122
<212> DNA
<213> Homo sapiens

<400> 26379
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ctattcagat cttttgccat tttaaattgg gttatttatt tatcattgag tagtaagagt 120
tt 122

<210> 26380
<211> 282
<212> DNA
<213> Homo sapiens

<400> 26380
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tgatggggtt ctgagaggct cttttaatac ttgcgaggag ataccgacag acaaggggag 120
gggatccagc gatgggatca gtcagatgcc tgccctggcg ctcctcgtga ggggacttgg 180
gtcctcttta gcattggcag gccggtataa acttcgggt cagatcgagc tatgcctgat 240
gctgccttaa gccttatgag gtcgccatgg aaccgcagaa ta 282

<210> 26381
<211> 118
<212> DNA
<213> Homo sapiens

<400> 26381
gaaccacacc agatgctgct ggcacgtctg cacgaggact gagaactgac gagtggggtt 60
ggcgatgaga acgcccggagg ggccttggca agcagtttta gcgcagttag ggcggaac 118

<210> 26382

<211> 128
 <212> DNA
 <213> Homo sapiens

<400> 26382
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 cataatagaa aacacaagca tttgaccaa tgagatccat tcagcgacta acctggcaag 120
 gcactcgg 128

<210> 26383
 <211> 143
 <212> DNA
 <213> Homo sapiens

<400> 26383
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 tagacacttg cacacatttc taggagagga attgctagtg tgtagggarg gwatgcacat 120
 gatcagtgat agtagacatt gcc 143

<210> 26384
 <211> 136
 <212> DNA
 <213> Homo sapiens

<400> 26384
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 gcacgtcctc acgtatgact acactacca gaagtctcct cttcacgtcc cagcgcgggg 120
 gggcgccgac ggccat 136

<210> 26385
 <211> 301
 <212> DNA
 <213> Homo sapiens

<400> 26385
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 ttctcctgtt ttatgtgcta atcttttctt agaccattat ttcatagcaa ttataatgct 120
 tggkttatth ttatttgtgt aattgggtga ctgtcaatca cagtagaccc taaaatccat 180
 gaataaatga gccatgtttt atttttcaca gcattatatc tcaatatctt acttagcata 240
 ttgtatgtag tcaataaaaa gattgaatta ataagaaaaa agatccataa actgatgcca 300
 g 301

<210> 26386
 <211> 154
 <212> DNA
 <213> Homo sapiens

<400> 26386
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 acaagtcata ttttcctttt catttaatcc ttggtttcta gagacattct gacttttgat 120
 gttgctggaa gatttcaaaa aattactggg ccga 154

<210> 26387
 <211> 238

<212> DNA

<213> Homo sapiens

<400> 26387

gcaccatttg	ttgaaagggg	tgtcctttat	gtttttgttt	gctttgtcga	ggatcagttg	60
gctgtaagta	tttgggttta	tttctgagtt	ctctgttcca	ttgatctatg	tgcttatatt	120
tataccagta	ccatgctgtt	ttggtgactg	tggccttata	gtatagtttg	aaatcaggta	180
gtgtgatgcc	tccagatttg	ttctttttcc	ttagtcttgc	tttggctatg	cgggcttt	238

<210> 26388

<211> 197

<212> DNA

<213> Homo sapiens

<400> 26388

agaaataaaa	aaggcaattg	aragcttttag	cgataaaacta	gatgataaag	cagaagaaaag	60
aatttcagaa	ctcgggctgg	gtgcagtggt	tcatggctgt	aattccagca	ttttgggagg	120
ctgaaacaag	cagatcgctt	gagtcaggga	gttagatggg	caacatagtg	aagccctgac	180
tttacaaaaa	aaaaaaa					197

<210> 26389

<211> 302

<212> DNA

<213> Homo sapiens

<400> 26389

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gcattttccat	tttgtgcttg	ccccacaaat	tatgtagctt	gtcctgccag	ggagttcagg	120
ctgagtttgg	gacggcttca	tccccaacac	tggccttgca	gcctccactg	tccccatcct	180
aatccacagc	ctcccactaa	atgccagcct	gctgggtgtca	tcctcctgca	tggaggcccc	240
ctccccacag	tgcttgagtg	tacagcattg	ccctgccaaag	ccagcagcta	ctaccgcgca	300
tc						302

<210> 26390

<211> 172

<212> DNA

<213> Homo sapiens

<400> 26390

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ctactactgt	gtaaataggt	tacaccccag	ttgaaatctt	tgcaaaggtc	ggttctattc	120
agcgaacagc	actatagcaa	aagaagatcg	ttccatattg	tacgccccag	ta	172

<210> 26391

<211> 97

<212> DNA

<213> Homo sapiens

<400> 26391

cattttccaga	aaaaagaaat	ctcgtgggag	ctactgagtt	ctctttttcct	tctaggcaga	60
taagggtcatg	gggaggagga	ctgcacacac	cccctac			97

<210> 26392

<211> 142

<212> DNA

<213> Homo sapiens

<400> 26392

accagatccc agaggctgaa cagctcgact ttctctgcac agcaggtcca gcaccccttg	60
aaacatgagt tcttaccagc agaagcagac ctttacccca ccacctcagc ttcaamagca	120
gcrpgtgaaa caaccagcg ca	142

<210> 26393

<211> 131

<212> DNA

<213> Homo sapiens

<400> 26393

tacatagggc ttttcatagt ctgtttcaga aagctgaaca cagatatttt caatgtgtat	60
catacagtgg aataaaggaa taggagaaaac atcaattttt gcttttataaa ttcctaacat	120
agctggagcg a	131

<210> 26394

<211> 76

<212> DNA

<213> Homo sapiens

<400> 26394

aaratatttt catttaaagc tcaaccatta attggaacat ggtgaaacat tgtacacatt	60
gtaaaagtag ggtagg	76

<210> 26395

<211> 144

<212> DNA

<213> Homo sapiens

<400> 26395

tcaaacaatt aaaatatttt catttcaatt ttttgaattt taaaaatttc aaaagtgcctt	60
ttattttacag actaatgtgg ccaagaagta tgataagggt gattgataaa agacattcaa	120
gcatgaaacc attatattag gaca	144

<210> 26396

<211> 145

<212> DNA

<213> Homo sapiens

<400> 26396

gcttcaggaa tctcacaatc atggcgggaag ggtaagaggc atgtctcacg tgggtggcagg	60
caagagagag tgagtaatag cagggaatac tgccccataa aaccatcaga tatgggtgaga	120
agtcactcac tatcaggaga acagc	145

<210> 26397

<211> 175

<212> DNA

<213> Homo sapiens

<400> 26397

ttgacagcgg gtttcttgcc cacatcggaa ttgggagacg gtgaacggta tgctcttcac	60
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ctctctgacc tctgagaaaag agaagcagcg atcctttctg gctcgccctct gcattgggtg 120
ctgaggggtct gctgagaggt gaggagcggc gctgcagcgt gtagtgaatg agctg 175

<210> 26398
<211> 118
<212> DNA
<213> Homo sapiens

<400> 26398
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gtgagatcat agttcactgc ggcctcaacc tctggcctc aagcaatcct ccactct 118

<210> 26399
<211> 169
<212> DNA
<213> Homo sapiens

<400> 26399
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ttcctctgag attttttact cagaagctac ccccttagtg atgtgtcttc ccttatttag 120
cgctttaagc tccccttctc ctaaatactc tttagcactt atcaccaac 169

<210> 26400
<211> 235
<212> DNA
<213> Homo sapiens

<400> 26400
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ctcccttcag ggcagcaggc tcctctctgg cctggggcag gtcccgaaat gctgtccaga 120
agccaaggcc tgaaattggg gaccctaggg gccctcttgg tactgttgc aagctggtga 180
ccaagctgca agataaaatc ccctttactc ttctctctcc tttccttgag cagag 235

<210> 26401
<211> 131
<212> DNA
<213> Homo sapiens

<400> 26401
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aattctgtag tctacctct tgcacgcta gcaactact tttatatact ccagttgaat 120
ataaatggcc a 131

<210> 26402
<211> 151
<212> DNA
<213> Homo sapiens

<400> 26402
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aagagctatg aaatgttctt ctaagtatag ctttggcatt tcccatagtt ttaatatgta 120
acgtgtcatt aggtacaata tatttkctaa t 151

<210> 26403

<211> 171
<212> DNA
<213> Homo sapiens

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agca 184



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Misc. Incoming Letter

PCT Papers in a 371 Application

Amendment Including Elections

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Application Data Sheet

Affidavit or Exhibit Received

Appendix

Artifact

Bib Data Sheet

Claim

Computer Program Listing

All CRF Papers for Backfile

Terminal Disclaimer Filed

Drawings

Foreign Reference

Foreign Priority Papers

IDS Including 1449

Non-Patent Literature

Oath or Declaration

Petition

Mail Returned by USPS

Sequence Listing

Specification

Specification Not in English

Transmittal New Application

Count Non-Final

Count Restriction

Examiner Interview

DO/EO Acceptance

DO/EO Missing Requirement

Formal Drawing Required

Notice of Allowance

Petition Decision

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Misc. Office Action

Signed 1449

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Abandonment

Board of Appeals Decision

Examiner Answer

Count Advisory Action

Count Ex parte Quayle

Count Final Rejection

INCOMING

Appeal Brief

Change of Address

Notice of Appeal

Change in Power of Attorney

Applicant Remarks in Amendment

Extension of Time filed separate

Internal

Examiner Search Notes

PTO Prepared Complete Claim Set

Evidence Copy Box Identification

Claim Worksheet

Fee Worksheet

File Wrapper

File Wrapper Claim

File Wrapper Issue Information

File Wrapper Search Info